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**GENNEMFØRELSESRAPPORT UNDER MÅLET OM EUROPÆISK
TERRITORIALT SAMARBEJDE
DEL A**

IDENTIFIKATION AF DEN ÅRLIGE GENNEMFØRELSESRAPPORT

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2. OVERBLIK OVER GENNEMFØRELSEN AF SAMARBEJDSPROGRAMMET (artikel 50, stk. 2, i forordning (EU) nr. 1303/2013 og artikel 14, stk. 3, litra a), i forordning (EU) nr. 1299/2013)

Vigtige oplysninger om gennemførelsen af samarbejdsprogrammet for det pågældende år, herunder om finansielle instrumenter, vedrørende de finansielle data og indikatordata.

The Programme held two Monitoring Committee and two Steering Committee meetings, closed two calls for each type of application, completed the development of the Online Monitoring System (OMS), concluded a successful tender procedure for the evaluation of the programme, and organized and executed a number of events in 2018.

After a successful test phase of project reporting in the OMS in 2017, reporting continued throughout 2018. By the end of the year, 59 reports had been submitted.

Two major developments in the evaluation of the programme took place in 2018: the two-step review was concluded through written procedure in January, and a call for tenders for the impact and parts II and III of the operational evaluations ended with a Monitoring Committee decision to offer a contract to Ramboll Consulting.

Call 5 for full applications opened on 28 December 2017 and ran until 5 March. Seventeen applications were received. Two rejected full applications from Call 3 and 15 expressions of interest (EOI) approved in Calls 2 and 4 applied. Call 6 for EOIs, which also opened on 28 December 2017, closed on 5 April. Thirteen EOIs were submitted.

At Monitoring Committee 6 in Ghent (23-24 May), committee members decided to:

- shift the period covered by the Statement of Account from 1 April to 31 March;
- approve the over-allocation of funding by 5% for projects in priority 3;
- add to all project contracts from calls 5/ 6 onwards a clause regarding the availability of funding;
- approve the guidance note for call 7 and 8 with i) amendments to the explanation about *de minimis* text reflecting the general rule of up to EUR 200,000, ii) the inclusion of points from the UK about the quality and character of results as well as advice and guidance from the secretariat and steering committee when working on applications;
- approve the proposed dates for call 7 and 8 and to keep priority 3 open with updated tables in the guidance so project applicants are aware of the financial status of the priority;
- wait for the response from the commission before working on future formulations of text in project and programme documents about Brexit;
- allow extensions which add activities and partners who require additional funding for on-going activities and to allow a replacement in budget between ERDF and Norwegian equivalent as part of a project change or an extension. In both cases the decision would be made by the Steering Committee either at a regular meeting or by written procedure.

On 13 and 14 June, the Programme held the North Sea Conference 2018 in Fredrikstad, Norway under the theme of 'Setting the course for the future'. The conference was jointly hosted by the North Sea Commission and Østfold County Council and attracted more than 200 attendees.

Steering Committee meetings 5 and 6 were held in Hamburg on 19 and 20 June. The Steering Committee approved nine of the Call 5 full applications, which translates to an approval rate of 53%. Of the EOIs submitted in Call 6, the Steering Committee approved five, an approval rate of 38%.

Call 7 on full applications opened on 29 June and closed on 1 October. Fifteen full applications were submitted. Of these, 10 were based on expressions of interest approved in Call 4 and Call 6, and five on rejected full applications in Call 5. Call 7 was also the first call in which extensions for approved projects could be

submitted. Four projects applied for an extension. Call 8 for EOIs ran from 29 June to 12 October. Twenty-two EOIs were received.

In October, the UK Government issued a funding guarantee for UK beneficiaries participating in projects approved before the end of 2020 in EU programmes. This guarantee thus applies to UK beneficiaries currently operating under the North Sea Region Programme, and to UK applicants developing projects beyond the point when the UK leaves the EU.

At Monitoring Committee 7 in Ypres (13-14 November), committee members decided to:

- invite the Audit Authority to provide an update about the status of the claims at each meeting;
- update the fact sheets – to reflect information following the Omnibus regulation - through written procedure;
- award the contract for the programme evaluation to Ramboll Consulting;
- submit a request for reallocation of funding (to give Priority 3 an additional EUR 7 million) to the European Commission via the SFC system before mid-December 2019;
- keep an eye on the progress of priority 4 and discuss at its next meeting;
- agree on an overall time line for discussion of a new programme and hold the first meeting of a related Task Group in connection with the next Monitoring Committee meeting in May 2019;
- invite a representative from the North Sea Commission to the first Task Group meeting in May 2019 to present progress made towards developing the NSC strategy post 2020;
- approve the guidance notes for call 9 and 10 and timing for calls 11 and 12.

Steering Committee meetings 7 and 8 were held on 11 and 12 December in Lübeck. In Steering Committee meeting 7, the Committee approved 12 full applications (80% approval rate) for Call 7. The Committee also approved three project extensions but rejected a fourth. During Steering Committee meeting 8 the members approved ten EOIs of Call 8 (40% approval rate).

The development of the OMS was completed in 2018, although the technical developers continued to work on improvements and enhancements throughout the year, including an update of the system's interface. The final module - system generated reports - was finished in May, allowing Programme-side users of the Online Monitoring System to extract descriptive, structured and filtered overviews of projects' meta data and another implementation information. Finally, the final reporting module was completed.

The Programme also planned and executed a number of events to support project applicants and managers. The Secretariat held Interwork events (16-17 January in Bremen and 4-5 September in Bergen) for potential applicants. Project advisors also participated in a number of kick-off meetings for Call 5 projects and held meetings with the National Contact Points (NCP) to strengthen coordination in helping projects and project applicants. Moreover, the staff ran a reporting training seminar as well as a First Level Control seminar in Copenhagen in February and a communication bootcamp and project idea generation event the day before the June conference in Norway. In November, the Secretariat, with the support of the NCPs, also organized a series of country-specific webinars for Call 10 applicants.

3. PRIORITETSAKSENS GENNEMFØRELSE

3.1 Overblik over gennemførelsen

ID	Prioritetsakse	Vigtige oplysninger om gennemførelsen af prioritetsaksen for det eller de pågældende år med henvisning til hovedudviklingen, væsentlige problemer og foranstaltninger truffet for at løse disse problemer
1	Thinking Growth: Supporting growth in North Sea Region economies	<p>There is a recognised need to:</p> <ul style="list-style-type: none"> • Strengthen the knowledge economy to generate growth and jobs especially in SMEs • Improve the commercial take-up of research results + Improve framework conditions for new and expanding companies • Ensure that all parts of the region actively develop their innovation potential based on their own positions of strength • Stimulate innovation in public service delivery • Ensure that public administrations where possible use public investments as a driver for innovation <p>These are the main objectives of priority 1. By the end of 2018 (after Calls 1, 2, 3, 5 and 7) 18 projects had been approved in Priority 1 with a total of € 35.157.670 in ERDF and € 2.810.080 in Norwegian funding. This leaves € 11.373.454 in ERDF for future projects. The Norwegian funding is not allocated and fixed to the priorities. The total amount of funds available for allocation is €1.294.859. The remaining text can be found in the annex.</p>
2	Eco-innovation: Stimulating the green economy	<p>The aim of this objective is to identify measures to improve the environmental footprint of the NSR economy and wider society including carbon and resource use.</p> <p>By the end of 2018 (after Calls 1, 2, 3 5 and 7) 15 projects had been approved in Priority 2 with a total of €34.546.452 in ERDF and €1.312.519 in Norwegian funding. This leaves €10.612.120 in ERDF funding for future projects. The Norwegian funding is not allocated and fixed to the priorities. The total amount of funds available for allocation is €1.294.859. The remaining text can be found in the annex.</p>
3	Sustainable North Sea Region: Protecting against climate change and preserving the environment	<p>Actions under this priority should monitor and predict climate changes in all sectors and ensure that essential preventative actions are taken so that the climate change threat can be properly managed in the North Sea Region.</p> <p>There is a strong focus on strengthening capacity of both knowledge partnerships and authorities /practitioners develop and adapt solutions for strengthening the resilience to climate change and provide strategies as well as solutions for long-term sustainable management of the environment and shared natural resources.</p> <p>These 17 projects have received a total of € 38.460.236 in ERDF and € 745.505 in Norwegian funding. This leaves € -2.004.355 in ERDF funding for future projects. The Norwegian funding is not allocated and fixed to</p>

ID	Prioritetsakse	Vigtige oplysninger om gennemførelsen af prioritetsaksen for det eller de pågældende år med henvisning til hovedudviklingen, væsentlige problemer og foranstaltninger truffet for at løse disse problemer
		the priorities. The total amount of funds available for allocation is €1.294.859. The Monitoring Committee approved and over allocation of funding by 5% for projects in priority 3 in May 2018. All 17 projects are up and running and they contribute positively to reaching programme goals. The remaining text can be found in the annex.
4	Promoting green transport and mobility	<p>In the North Sea Region transport sector there is a recognized need to:</p> <ul style="list-style-type: none"> • Reduce Green House Gases to tackle climate change • Reduce pollution to improve air quality and public health • Reduce congestion to maintain competitiveness and free flow of goods and people <p>These ten projects have received a total of € 20.396.380 in ERDF and € 1.801.865 in Norwegian funding from the programme. This leaves € 7.836.799 in ERDF for future projects in the area of green transport and mobility. The Norwegian funding is not allocated and fixed to the priorities. The total amount of funds available for allocation is €1.294.859.</p> <p>Only #IWTS 2.0 is approved under specific objective 4.1, while all other projects are approved under 4.2. The remaining text can be found in the annex.</p>
5	Technical Assistance	<p>The Interreg VB North Sea Region programme entered its main operational phase in 2017 and continues along this path until it is anticipated to be completed in 2021 where it enters the winding up phase. The main part of the funding available for projects has been allocated and most projects are well into their delivery phase.</p> <p>In total 4 calls for applications were launched in 2018, two for expressions of interests (EOI's) and two for full applications (FA's). 35 EOI's and 32 FA's were submitted for decision by the Steering Committee. Of these 15 EOI's and 21 FA's were approved. The approval rate for EOI's was 43% and 66% for FA's. This is slightly less than in 2017 where the approval rate for FA's was 70% but still significantly better than in previous programming periods where the average approval rate was approximately 50%.</p> <p>Prior to each call for applications, the Joint Secretariat together with the relevant National Authorities arranges an Interwork event. The purpose of these events is to prepare potential applicants for the upcoming call and address technical issues which, based on previous experience, has proven difficult for the applicants to handle e.g. the intervention logic, Fact Sheets on Staff Costs and Joint Costs etc. The Interwork events serve, in other words, both as a promotion and as a troubleshooting event for potential applicants.</p> <p>The remaining text can be found in the annex.</p>

3.2 Fælles og programspecifikke indikatorer (artikel 50, stk. 2, i forordning (EU) nr. 1303/2013)

Prioritetsakser, undtagen teknisk bistand

Prioritetsakse	1 - Thinking Growth: Supporting growth in North Sea Region economies
Investeringsprioritet	Ib - Fremme erhvervslivets investeringer i F&I, udvikle forbindelser og synergier mellem virksomheder, forsknings- og udviklingscentre og sektoren for videregående uddannelser, navnlig fremme af investering i produkt- og tjenesteydelsesudvikling, teknologioverførsel, social innovation, miljøinnovation, public service-applikationer, stimulering af efterspørgsel, netværksamarbejde, klynger og åben innovation ved hjælp af intelligent specialisering samt støtte til teknologisk og anvendt forskning, pilotlinjer, aktioner med henblik på hurtig produktvalidering, avanceret produktionskapacitet og første produktion, navnlig inden for centrale nøgleteknologier og formidling af teknologier til anvendelse inden for alle områder

Tabel 2: Fælles og programspecifikke outputindikatorer - 1.1b

(1)	ID	Indikator	Måleenhed	Målværdi	2018	Bemærkninger
F	CO41	Produktiv investering: Antal virksomheder, der deltager i grænseoverskridende, tværnationale eller interregionale forskningsprojekter	Enterprises	29,00	403,00	403 in total. Current status: Exceeded the target value (30).
S	CO41	Produktiv investering: Antal virksomheder, der deltager i grænseoverskridende, tværnationale eller interregionale forskningsprojekter	Enterprises	29,00	403,00	403 in total. Current status: Exceeded the target value (30).
F	CO42	Produktiv investering: Antal forskningsinstitutioner, der deltager i grænseoverskridende, tværnationale eller interregionale forskningsprojekter	Organisations	19,00	159,00	159 in total. Current status: Exceeded the target value (20).
S	CO42	Produktiv investering: Antal forskningsinstitutioner, der deltager i grænseoverskridende, tværnationale eller interregionale forskningsprojekter	Organisations	19,00	159,00	159 in total. Current status: Exceeded the target value (20).
F	0.1	Number of organizations / enterprises adopting new solutions by project end	Organisations and enterprises	220,00	661,00	661 in total. Current status: On track. Target value (129).
S	0.1	Number of organizations / enterprises adopting new solutions by project end	Organisations and enterprises	220,00	661,00	661 in total. Current status: On track (Target value 129)
F	0.2	Number of organizations / enterprises informed about new solutions by project end	Organisations and enterprises	2.190,00	203.131,00	2031,31 in total. Current status: Exceeded the target value (2,295)
S	0.2	Number of organizations / enterprises informed about new solutions by project end	Organisations and enterprises	2.190,00	203.131,00	203,131 in total. Current status: Exceeded the target value (2,295)
F	1.1	Number of enterprises cooperating with new / improved knowledge partnerships	Enterprises	477,00	1.063,00	1,063 in total. Current status: Exceeded the target value (Target value 500)
S	1.1	Number of enterprises cooperating with new / improved knowledge partnerships	Enterprises	477,00	1.063,00	1,063 in total. Current status: Exceeded the target value (Target value 500)
F	1.2	Number of improved or new innovation support measures launched for businesses	Measures	20,00	67,00	67 in total. Current status: Exceeded the target value (Target value 21)
S	1.2	Number of improved or new innovation support measures launched for businesses	Measures	20,00	67,00	67 in total. Current status: Exceeded the target value (Target value 21)
F	1.3	Number of improved or new innovation support measures launched for public service delivery	Measures	20,00	14,00	14 in total. Current status: On track (Target value 21)
S	1.3	Number of improved or new innovation support measures launched for public service delivery	Measures	20,00	14,00	14 in total. Current status: On track (Target value 21)

(1)	ID	Indikator	2017	2016	2015	2014
F	CO41	Produktiv investering: Antal virksomheder, der deltager i grænseoverskridende, tværnationale eller interregionale forskningsprojekter	42,00	0,00	0,00	0,00
S	CO41	Produktiv investering: Antal virksomheder, der deltager i grænseoverskridende, tværnationale eller interregionale forskningsprojekter	42,00	0,00	0,00	0,00
F	CO42	Produktiv investering: Antal forskningsinstitutioner, der deltager i grænseoverskridende, tværnationale eller interregionale forskningsprojekter	45,00	0,00	0,00	0,00
S	CO42	Produktiv investering: Antal forskningsinstitutioner, der deltager i grænseoverskridende, tværnationale eller interregionale forskningsprojekter	45,00	0,00	0,00	0,00
F	0.1	Number of organizations / enterprises adopting new solutions by project end	129,00	0,00	0,00	0,00
S	0.1	Number of organizations / enterprises adopting new solutions by project end	129,00	0,00	0,00	0,00
F	0.2	Number of organizations / enterprises informed about new solutions by project end	2.624,00	0,00	0,00	0,00
S	0.2	Number of organizations / enterprises informed about new solutions by project end	2.624,00	0,00	0,00	0,00
F	1.1	Number of enterprises cooperating with new / improved knowledge partnerships	100,00	0,00	0,00	0,00
S	1.1	Number of enterprises cooperating with new / improved knowledge partnerships	100,00	0,00	0,00	0,00
F	1.2	Number of improved or new innovation support measures launched for businesses	8,00	0,00	0,00	0,00
S	1.2	Number of improved or new innovation support measures launched for businesses	8,00	0,00	0,00	0,00
F	1.3	Number of improved or new innovation support measures launched for public service delivery	4,00	0,00	0,00	0,00
S	1.3	Number of improved or new innovation support measures launched for public service delivery	4,00	0,00	0,00	0,00

(1) S=kumulativ værdi - output skal leveres med udvalgte operationer [prognose, som modtaget fra støttemodtagere], F=kumulativ værdi - output leveret af operationer [faktisk præstation]

Prioritetsakse	1 - Thinking Growth: Supporting growth in North Sea Region economies
Investeringsprioritet	1b - Fremme erhvervslivets investeringer i F&I, udvikle forbindelser og synergier mellem virksomheder, forsknings- og udviklingscentre og sektoren for videregående uddannelser, navnlig fremme af investering i produkt- og tjenesteydelsesudvikling, teknologioverførsel, social innovation, miljøinnovation, public service-applikationer, stimulering af efterspørgsel, netværkssamarbejde, klynger og åben innovation ved hjælp af intelligent specialisering samt støtte til teknologisk og anvendt forskning, pilotlinjer, aktioner med henblik på hurtig produktvalidering, avanceret produktionskapacitet og første produktion, navnlig inden for centrale nøgleteknologier og formidling af teknologier til anvendelse inden for alle områder
Specifikt mål	1.1 - Develop new or improved knowledge partnerships between businesses, knowledge institutions, public administrations and end users with a view to long-term cooperation (post project) on developing products and services

Tabel 1: Resultatindikatorer - 1.1b.1.1

ID	Indikator	Måleenhed	Referenceværdi	Referenceår	Målværdi (2023) I alt	2018 I alt	2018 Kvalitativ	Bemærkninger
1.1	Capacity of knowledge partnerships in the North Sea Region to deliver marketable product, service and process innovations	Qualitative analysis of capacity / potential	2.8	2015	3.3		0	Due to unforeseen circumstances surrounding project implementation, the revue will take into account 2017 and 2019 values accordingly.

ID	Indikator	2017 I alt	2017 Kvalitativ	2016 I alt	2016 Kvalitativ	2015 I alt	2015 Kvalitativ	2014 I alt	2014 Kvalitativ
1.1	Capacity of knowledge partnerships in the North Sea Region to deliver marketable product, service and process innovations		0		0		0		0

Prioritetsakse	1 - Thinking Growth: Supporting growth in North Sea Region economies
Investeringsprioritet	1b - Fremme erhvervslivets investeringer i F&I, udvikle forbindelser og synergier mellem virksomheder, forsknings- og udviklingscentre og sektoren for videregående uddannelser, navnlig fremme af investering i produkt- og tjenesteydelsesudvikling, teknologioverførsel, social innovation, miljøinnovation, public service-applikationer, stimulering af efterspørgsel, netværkssamarbejde, klynger og åben innovation ved hjælp af intelligent specialisering samt støtte til teknologisk og anvendt forskning, pilotlinjer, aktioner med henblik på hurtig produktvalidering, avanceret produktionskapacitet og første produktion, navnlig inden for centrale nøgleteknologier og formidling af teknologier til anvendelse inden for alle områder
Specifikt mål	1.2 - Enhance regional innovation support capacity to increase long-term innovation levels and support smart specialization strategies.

Tabel 1: Resultatindikatorer - 1.1b.1.2

ID	Indikator	Måleenhed	Referenceværdi	Referenceår	Målværdi (2023) I alt	2018 I alt	2018 Kvalitativ	Bemærkninger
1.2	Capacity of authorities / practitioners to increase the scope and quality of innovation in enterprises	Qualitative analysis of capacity / potential	2.6	2015	3.1		0	Due to unforeseen circumstances surrounding project implementation, the revue will take into account 2017 and 2019 values accordingly.

ID	Indikator	2017 I alt	2017 Kvalitativ	2016 I alt	2016 Kvalitativ	2015 I alt	2015 Kvalitativ	2014 I alt	2014 Kvalitativ
1.2	Capacity of authorities / practitioners to increase the scope and quality of innovation in enterprises		0		0		0		0

Prioritetsakse	1 - Thinking Growth: Supporting growth in North Sea Region economies
Investeringsprioritet	1b - Fremme erhvervslivets investeringer i F&I, udvikle forbindelser og synergier mellem virksomheder, forsknings- og udviklingscentre og sektoren for videregående uddannelser, navnlig fremme af investering i produkt- og tjenesteydelsesudvikling, teknologioverførsel, social innovation, miljøinnovation, public service-applikationer, stimulering af efterspørgsel, netværkssamarbejde, klynger og åben innovation ved hjælp af intelligent specialisering samt støtte til teknologisk og anvendt forskning, pilotlinjer, aktioner med henblik på hurtig produktvalidering, avanceret produktionskapacitet og første produktion, navnlig inden for centrale nøgleteknologier og formidling af teknologier til anvendelse inden for alle områder
Specifikt mål	1.3 - Stimulate the public sector to generate innovation demand and innovative solutions for improving public service delivery

Tabel 1: Resultatindikatorer - 1.1b.1.3

ID	Indikator	Måleenhed	Referenceværdi	Referenceår	Målværdi (2023) I alt	2018 I alt	2018 Kvalitativ	Bemærkninger
1.3	Capacity of authorities / practitioners to increase the scope and quality of innovation in public service delivery	Qualitative analysis of capacity / potential	2.3	2015	2.8		0	Due to unforeseen circumstances surrounding project implementation, the revue will take into account 2017 and 2019 values accordingly.

ID	Indikator	2017 I alt	2017 Kvalitativ	2016 I alt	2016 Kvalitativ	2015 I alt	2015 Kvalitativ	2014 I alt	2014 Kvalitativ
1.3	Capacity of authorities / practitioners to increase the scope and quality of innovation in public service delivery		0		0		0		0

Prioritetsakse	2 - Eco-innovation: Stimulating the green economy
Investeringsprioritet	6g - Støtte en industriel overgang til en ressourceeffektiv økonomi og fremme grøn vækst, miljøinnovation og forvaltning af miljøfremmeforanstaltninger i den offentlige og private sektor

Tabel 2: Fælles og programspecifikke outputindikatorer - 2.6g

(1)	ID	Indikator	Måleenhed	Målværdi	2018	Bemærkninger
F	CO41	Produktiv investering: Antal virksomheder, der deltager i grænseoverskridende, tværnationale eller interregionale forskningsprojekter	Enterprises	28,00	867,00	867 in total. Current status: Exceeded the target value (30)
S	CO41	Produktiv investering: Antal virksomheder, der deltager i grænseoverskridende, tværnationale eller interregionale forskningsprojekter	Enterprises	28,00	867,00	867 in total. Current status: Exceeded the target value (30)
F	CO42	Produktiv investering: Antal forskningsinstitutioner, der deltager i grænseoverskridende, tværnationale eller interregionale forskningsprojekter	Organisations	19,00	84,00	84 in total. Current status: Exceeded the target (target value 20)
S	CO42	Produktiv investering: Antal forskningsinstitutioner, der deltager i grænseoverskridende, tværnationale eller interregionale forskningsprojekter	Organisations	19,00	84,00	84 in total. Current status: Exceeded the target (target value 20)
F	0.1	Number of organizations / enterprises adopting new solutions by project end	Organisations and enterprises	208,00	49,00	49 in total. Current status: On track (target value 222)
S	0.1	Number of organizations / enterprises adopting new solutions by project end	Organisations and enterprises	208,00	49,00	49 in total. Current status: On track (target value 222)
F	0.2	Number of organizations / enterprises informed about new solutions by project end	Organisations and enterprises	2.087,00	4.792,00	4.792 in total. Current status: Exceeded the target value (2.225)
S	0.2	Number of organizations / enterprises informed about new solutions by project end	Organisations and enterprises	2.087,00	4.792,00	4.792 in total. Current status: Exceeded the target value (2.225)
F	2.1	Number of green products, services and processes piloted and/or adopted by the project	Green products, services or processes developed	51,00	93,00	93 in total. Current status: Exceeded the target (target value 54)
S	2.1	Number of green products, services and processes piloted and/or adopted by the project	Green products, services or processes developed	51,00	93,00	93 in total. Current status: Exceeded the target (target value 54)

(1)	ID	Indikator	2017	2016	2015	2014
F	CO41	Produktiv investering: Antal virksomheder, der deltager i grænseoverskridende, tværnationale eller interregionale forskningsprojekter	204,00	0,00	0,00	0,00
S	CO41	Produktiv investering: Antal virksomheder, der deltager i grænseoverskridende, tværnationale eller interregionale forskningsprojekter	204,00	0,00	0,00	0,00
F	CO42	Produktiv investering: Antal forskningsinstitutioner, der deltager i grænseoverskridende, tværnationale eller interregionale forskningsprojekter	9,00	0,00	0,00	0,00
S	CO42	Produktiv investering: Antal forskningsinstitutioner, der deltager i grænseoverskridende, tværnationale eller interregionale forskningsprojekter	9,00	0,00	0,00	0,00
F	0.1	Number of organizations / enterprises adopting new solutions by project end	0,00	0,00	0,00	0,00
S	0.1	Number of organizations / enterprises adopting new solutions by project end	0,00	0,00	0,00	0,00
F	0.2	Number of organizations / enterprises informed about new solutions by project end	2.360,00	0,00	0,00	0,00
S	0.2	Number of organizations / enterprises informed about new solutions by project end	2.360,00	0,00	0,00	0,00
F	2.1	Number of green products, services and processes piloted and/or adopted by the project	9,00	0,00	0,00	0,00
S	2.1	Number of green products, services and processes piloted and/or adopted by the project	9,00	0,00	0,00	0,00

(1) S=kumulativ værdi - output skal leveres med udvalgte operationer [prognose, som modtaget fra støttemodtagere], F=kumulativ værdi - output leveret af operationer [faktisk præstation]

Prioritetsakse	2 - Eco-innovation: Stimulating the green economy
Investeringsprioritet	6g - Støtte en industriel overgang til en ressourceeffektiv økonomi og fremme grøn vækst, miljøinnovation og forvaltning af miljøfremmeforanstaltninger i den offentlige og private sektor
Specifikt mål	2.1 - Promote the development and adoption of products, services and processes to accelerate greening of the North Sea Region economy

Tabel 1: Resultatindikatorer - 2.6g.2.1

ID	Indikator	Måleenhed	Referenceværdi	Referenceår	Målværdi (2023) I alt	2018 I alt	2018 Kvalitativ	Bemærkninger
2.1	Capacity of enterprises and organisations to adopt new or improved green products, processes and services	Capacity scale	2.6	2015	3.6		0	Due to unforeseen circumstances surrounding project implementation, the revue will take into account 2017 and 2019 values accordingly.

ID	Indikator	2017 I alt	2017 Kvalitativ	2016 I alt	2016 Kvalitativ	2015 I alt	2015 Kvalitativ	2014 I alt	2014 Kvalitativ
2.1	Capacity of enterprises and organisations to adopt new or improved green products, processes and services		0		0		0		0

Prioritetsakse	2 - Eco-innovation: Stimulating the green economy
Investeringsprioritet	6g - Støtte en industriel overgang til en ressourceeffektiv økonomi og fremme grøn vækst, miljøinnovation og forvaltning af miljøfremmeforanstaltninger i den offentlige og private sektor
Specifikt mål	2.2 - Stimulate the adoption of new products, services and processes to reduce the environmental footprint of regions around the North Sea

Tabel 1: Resultatindikatorer - 2.6g.2.2

ID	Indikator	Måleenhed	Referenceværdi	Referenceår	Målværdi (2023) I alt	2018 I alt	2018 Kvalitativ	Bemærkninger
2.2	Capacity of authorities / practitioners around the North Sea to identify and implement new ways of reducing their environmental footprint	Capacity scale	2.8	2015	3.8		0	Due to unforeseen circumstances surrounding project implementation, the revue will take into account 2017 and 2019 values accordingly.

ID	Indikator	2017 I alt	2017 Kvalitativ	2016 I alt	2016 Kvalitativ	2015 I alt	2015 Kvalitativ	2014 I alt	2014 Kvalitativ
2.2	Capacity of authorities / practitioners around the North Sea to identify and implement new ways of reducing their environmental footprint		0		0		0		0

Prioritetsakse	3 - Sustainable North Sea Region: Protecting against climate change and preserving the environment
Investeringsprioritet	5a - Støtte investeringer i tilpasning til klimaforandringer, herunder økosystembaserede tilgange

Tabel 2: Fælles og programspecifikke outputindikatorer - 3.5a

(1)	ID	Indikator	Måleenhed	Målværdi	2018	Bemærkninger
F	CO41	Produktiv investering: Antal virksomheder, der deltager i grænseoverskridende, tværnationale eller interregionale forskningsprojekter	Enterprises	6,00	101,00	101 in total. Current status: Exceeded the target value (5).
S	CO41	Produktiv investering: Antal virksomheder, der deltager i grænseoverskridende, tværnationale eller interregionale forskningsprojekter	Enterprises	6,00	101,00	101 in total. Current status: Exceeded the target value (5)
F	CO42	Produktiv investering: Antal forskningsinstitutioner, der deltager i grænseoverskridende, tværnationale eller interregionale forskningsprojekter	Organisations	12,00	79,00	79 in total. Current status: Exceeded the target value (10)
S	CO42	Produktiv investering: Antal forskningsinstitutioner, der deltager i grænseoverskridende, tværnationale eller interregionale forskningsprojekter	Organisations	12,00	79,00	79 in total. Current status: Exceeded the target value (10)
F	0.1	Number of organizations / enterprises adopting new solutions by project end	Organisations and enterprises	110,00	21,00	95 in total. Current status: Exceeded the target value (target value 92)
S	0.1	Number of organizations / enterprises adopting new solutions by project end	Organisations and enterprises	110,00	21,00	95 in total. Current status: Exceeded the target (target value 92)
F	0.2	Number of organizations / enterprises informed about new solutions by project end	Organisations and enterprises	1.099,00	981,00	981 in total. Current status: Exceeded the target (target value 919)
S	0.2	Number of organizations / enterprises informed about new solutions by project end	Organisations and enterprises	1.099,00	981,00	981 in total. Current status: Exceeded the target (target value 919)
F	3.7	Number of new and/or improved climate change adaptation solutions demonstrated	Solutions	25,00	19,00	19 in total. Current status: On track (target value 21)
S	3.7	Number of new and/or improved climate change adaptation solutions demonstrated	Solutions	25,00	19,00	19 in total. Current status: On track (target value 21)

(1)	ID	Indikator	2017	2016	2015	2014
F	CO41	Produktiv investering: Antal virksomheder, der deltager i grænseoverskridende, tværnationale eller interregionale forskningsprojekter	90,00	0,00	0,00	0,00
S	CO41	Produktiv investering: Antal virksomheder, der deltager i grænseoverskridende, tværnationale eller interregionale forskningsprojekter	90,00	0,00	0,00	0,00
F	CO42	Produktiv investering: Antal forskningsinstitutioner, der deltager i grænseoverskridende, tværnationale eller interregionale forskningsprojekter	56,00	0,00	0,00	0,00
S	CO42	Produktiv investering: Antal forskningsinstitutioner, der deltager i grænseoverskridende, tværnationale eller interregionale forskningsprojekter	56,00	0,00	0,00	0,00
F	0.1	Number of organizations / enterprises adopting new solutions by project end	74,00	0,00	0,00	0,00
S	0.1	Number of organizations / enterprises adopting new solutions by project end	74,00	0,00	0,00	0,00
F	0.2	Number of organizations / enterprises informed about new solutions by project end	561,00	0,00	0,00	0,00
S	0.2	Number of organizations / enterprises informed about new solutions by project end	561,00	0,00	0,00	0,00
F	3.7	Number of new and/or improved climate change adaptation solutions demonstrated	1,00	0,00	0,00	0,00
S	3.7	Number of new and/or improved climate change adaptation solutions demonstrated	1,00	0,00	0,00	0,00

(1) S=kumulativ værdi - output skal leveres med udvalgte operationer [prognose, som modtaget fra støttemodtagere], F=kumulativ værdi - output leveret af operationer [faktisk præstation]

Prioritetsakse	3 - Sustainable North Sea Region: Protecting against climate change and preserving the environment
Investeringsprioritet	5a - Støtte investeringer i tilpasning til klimaforandringer, herunder økosystembaserede tilgange
Specifikt mål	3.1 - Demonstrate new and/or improved methods for improving the climate resilience of target sites

Tabel 1: Resultatindikatorer - 3.5a.3.1

ID	Indikator	Måleenhed	Referenceværdi	Referenceår	Målværdi (2023) I alt	2018 I alt	2018 Kvalitativ	Bemærkninger
3.1	Capacity of relevant authorities / practitioners around the North Sea to identify and implement solutions for improving climate change resilience	Capacity scale	2.7	2015	3.7		0	Due to unforeseen circumstances surrounding project implementation, the revue will take into account 2017 and 2019 values accordingly.

ID	Indikator	2017 I alt	2017 Kvalitativ	2016 I alt	2016 Kvalitativ	2015 I alt	2015 Kvalitativ	2014 I alt	2014 Kvalitativ
3.1	Capacity of relevant authorities / practitioners around the North Sea to identify and implement solutions for improving climate change resilience		0		0		0		0

Prioritetsakse	3 - Sustainable North Sea Region: Protecting against climate change and preserving the environment
Investeringsprioritet	6d - Beskytte og genetablere biodiversitet og jordbunden og fremme tjenesteydelser vedrørende økosystemer, herunder gennem Natura 2000 og grøn infrastruktur

Tabel 2: Fælles og programspecifikke outputindikatorer - 3.6d

(I)	ID	Indikator	Måleenhed	Målværdi	2018	Bemærkninger
F	CO41	Produktiv investering: Antal virksomheder, der deltager i grænseoverskridende, tværnationale eller interregionale forskningsprojekter	Enterprises	6,00	467,00	467 in total. Current status: Exceeded the target value (90)
S	CO41	Produktiv investering: Antal virksomheder, der deltager i grænseoverskridende, tværnationale eller interregionale forskningsprojekter	Enterprises	6,00	467,00	467 in total. Current status: Exceeded the target value (90)
F	CO42	Produktiv investering: Antal forskningsinstitutioner, der deltager i grænseoverskridende, tværnationale eller interregionale forskningsprojekter	Organisations	12,00	62,00	62 in total. Current status: Exceeded the target value (10)
S	CO42	Produktiv investering: Antal forskningsinstitutioner, der deltager i grænseoverskridende, tværnationale eller interregionale forskningsprojekter	Organisations	12,00	62,00	62 in total. Current status: Exceeded the target value (10)
F	0.1	Number of organizations / enterprises adopting new solutions by project end	Organisations and enterprises	110,00	285,00	285 in total. Current status: Exceeded the target value (target value 92)
S	0.1	Number of organizations / enterprises adopting new solutions by project end	Organisations and enterprises	110,00	285,00	285 in total. Current status: Exceeded the target value (target value 92)
F	0.2	Number of organizations / enterprises informed about new solutions by project end	Organisations and enterprises	1.098,00	21.321,00	21,321 in total. Current status: Exceeded the target value (target value 918)
S	0.2	Number of organizations / enterprises informed about new solutions by project end	Organisations and enterprises	1.098,00	21.321,00	21,321 in total. Current status: Exceeded the target value (target value 918)
F	3.2	Number of sites managed using new solutions supporting long-term sustainability	Sites	42,00	44,00	44 in total. Current status: Exceeded the target value (target value 35)
S	3.2	Number of sites managed using new solutions supporting long-term sustainability	Sites	42,00	44,00	44 in total. Current status: Exceeded the target value (target value 35)

(I)	ID	Indikator	2017	2016	2015	2014
F	CO41	Produktiv investering: Antal virksomheder, der deltager i grænseoverskridende, tværnationale eller interregionale forskningsprojekter	90,00	0,00	0,00	0,00
S	CO41	Produktiv investering: Antal virksomheder, der deltager i grænseoverskridende, tværnationale eller interregionale forskningsprojekter	90,00	0,00	0,00	0,00
F	CO42	Produktiv investering: Antal forskningsinstitutioner, der deltager i grænseoverskridende, tværnationale eller interregionale forskningsprojekter	56,00	0,00	0,00	0,00
S	CO42	Produktiv investering: Antal forskningsinstitutioner, der deltager i grænseoverskridende, tværnationale eller interregionale forskningsprojekter	56,00	0,00	0,00	0,00
F	0.1	Number of organizations / enterprises adopting new solutions by project end	74,00	0,00	0,00	0,00
S	0.1	Number of organizations / enterprises adopting new solutions by project end	74,00	0,00	0,00	0,00
F	0.2	Number of organizations / enterprises informed about new solutions by project end	561,00	0,00	0,00	0,00
S	0.2	Number of organizations / enterprises informed about new solutions by project end	561,00	0,00	0,00	0,00
F	3.2	Number of sites managed using new solutions supporting long-term sustainability	16,00	0,00	0,00	0,00
S	3.2	Number of sites managed using new solutions supporting long-term sustainability	16,00	0,00	0,00	0,00

(1) S=kumulativ værdi - output skal leveres med udvalgte operationer [prognose, som modtaget fra støttemodtagere], F=kumulativ værdi - output leveret af operationer [faktisk præstation]

Prioritetsakse	3 - Sustainable North Sea Region: Protecting against climate change and preserving the environment
Investeringsprioritet	6d - Beskytte og genetablere biodiversitet og jordbunden og fremme tjenesteydelser vedrørende økosystemer, herunder gennem Natura 2000 og grøn infrastruktur
Specifikt mål	3.2 - Develop new methods for the long-term sustainable management of North Sea ecosystems

Tabel 1: Resultatindikatorer - 3.6d.3.2

ID	Indikator	Måleenhed	Referenceværdi	Referenceår	Målværdi (2023) I alt	2018 I alt	2018 Kvalitativ	Bemærkninger
3.2	Capacity of North Sea regions to improve the quality of the environment	Capacity scale	2.9	2015	3.9		0	Due to unforeseen circumstances surrounding project implementation, the revue will take into account 2017 and 2019 values accordingly.

ID	Indikator	2017 I alt	2017 Kvalitativ	2016 I alt	2016 Kvalitativ	2015 I alt	2015 Kvalitativ	2014 I alt	2014 Kvalitativ
3.2	Capacity of North Sea regions to improve the quality of the environment		0		0		0		0

Prioritetsakse	4 - Promoting green transport and mobility
Investeringsprioritet	7c - Udvikle og forbedre miljøvenlige (herunder støjsvage) lavemissionstransportsystemer, herunder indre vandveje og søtransport, havne, multimodale forbindelser og lufthavnsinfrastruktur, for at fremme bæredygtig regional og lokal mobilitet

Tabel 2: Fælles og programspecifikke outputindikatorer - 4.7c

(1)	ID	Indikator	Måleenhed	Målværdi	2018	Bemærkninger
F	CO41	Produktiv investering: Antal virksomheder, der deltager i grænseoverskridende, tværnationale eller interregionale forskningsprojekter	Enterprises	9,00	124,00	124 in total. Current status: Exceeded the target value (10).
S	CO41	Produktiv investering: Antal virksomheder, der deltager i grænseoverskridende, tværnationale eller interregionale forskningsprojekter	Enterprises	9,00	124,00	124 in total. Current status: Exceeded the target value (19)
F	CO42	Produktiv investering: Antal forskningsinstitutioner, der deltager i grænseoverskridende, tværnationale eller interregionale forskningsprojekter	Organisations	18,00	43,00	43 in total. Current status: Exceeded the target value (target value 20)
S	CO42	Produktiv investering: Antal forskningsinstitutioner, der deltager i grænseoverskridende, tværnationale eller interregionale forskningsprojekter	Organisations	18,00	43,00	43 in total. Current status: Exceeded the target value (target value 20)
F	0.1	Number of organizations / enterprises adopting new solutions by project end	Organisations and enterprises	132,00	105,00	105 in total. Current status: On track (target value 144)
S	0.1	Number of organizations / enterprises adopting new solutions by project end	Organisations and enterprises	132,00	105,00	105 in total. Current status: On track (target value 144)
F	0.2	Number of organizations / enterprises informed about new solutions by project end	Organisations and enterprises	1.329,00	6.883,00	6,883 in total. Current status: Exceeding the target value (1,445)
S	0.2	Number of organizations / enterprises informed about new solutions by project end	Organisations and enterprises	1.329,00	6.883,00	6,883 in total. Current status: Exceeding the target value (1,445)
F	4.1	Number of new and/or improved green transport solutions adopted	Green transport solutions	50,00	45,00	45 in total. Current status: On track (target value 54)
S	4.1	Number of new and/or improved green transport solutions adopted	Green transport solutions	50,00	45,00	45 in total. Current status: On track (target value 54)

(1)	ID	Indikator	2017	2016	2015	2014
F	CO41	Produktiv investering: Antal virksomheder, der deltager i grænseoverskridende, tværnationale eller interregionale forskningsprojekter	19,00	0,00	0,00	0,00
S	CO41	Produktiv investering: Antal virksomheder, der deltager i grænseoverskridende, tværnationale eller interregionale forskningsprojekter	19,00	0,00	0,00	0,00
F	CO42	Produktiv investering: Antal forskningsinstitutioner, der deltager i grænseoverskridende, tværnationale eller interregionale forskningsprojekter	6,00	0,00	0,00	0,00
S	CO42	Produktiv investering: Antal forskningsinstitutioner, der deltager i grænseoverskridende, tværnationale eller interregionale forskningsprojekter	6,00	0,00	0,00	0,00
F	0.1	Number of organizations / enterprises adopting new solutions by project end	46,00	0,00	0,00	0,00
S	0.1	Number of organizations / enterprises adopting new solutions by project end	46,00	0,00	0,00	0,00
F	0.2	Number of organizations / enterprises informed about new solutions by project end	3.096,00	0,00	0,00	0,00
S	0.2	Number of organizations / enterprises informed about new solutions by project end	3.096,00	0,00	0,00	0,00
F	4.1	Number of new and/or improved green transport solutions adopted	15,00	0,00	0,00	0,00
S	4.1	Number of new and/or improved green transport solutions adopted	15,00	0,00	0,00	0,00

(1) S=kumulativ værdi - output skal leveres med udvalgte operationer [prognose, som modtaget fra støttemodtagere], F=kumulativ værdi - output leveret af operationer [faktisk præstation]

Prioritetsakse	4 - Promoting green transport and mobility
Investeringsprioritet	7c - Udvikle og forbedre miljøvenlige (herunder støjsvage) lavemissionstransportsystemer, herunder indre vandveje og søtransport, havne, multimodale forbindelser og lufthavnsinfrastruktur, for at fremme bæredygtig regional og lokal mobilitet
Specifikt mål	4.1 - Develop demonstrations of innovative and/or improved transport and logistics solutions with potential to move large volumes of freight away from long-distance road transportation

Tabel 1: Resultatindikatorer - 4.7c.4.1

ID	Indikator	Måleenhed	Referenceværdi	Referenceår	Målværdi (2023) I alt	2018 I alt	2018 Kvalitativ	Bemærkninger
4.1	Capacity of transport and logistics stakeholders to increase the proportion of long-distance freight carried on sustainable modes in the North Sea Region	Capacity scale	2.7	2015	3.7		0	Due to unforeseen circumstances surrounding project implementation, the revue will take into account 2017 and 2019 values accordingly.

ID	Indikator	2017 I alt	2017 Kvalitativ	2016 I alt	2016 Kvalitativ	2015 I alt	2015 Kvalitativ	2014 I alt	2014 Kvalitativ
4.1	Capacity of transport and logistics stakeholders to increase the proportion of long-distance freight carried on sustainable modes in the North Sea Region		0		0		0		0

Prioritetsakse	4 - Promoting green transport and mobility
Investeringsprioritet	7c - Udvikle og forbedre miljøvenlige (herunder støjsvage) lavemissionstransportsystemer, herunder indre vandveje og søtransport, havne, multimodale forbindelser og lufthavnsinfrastruktur, for at fremme bæredygtig regional og lokal mobilitet
Specifikt mål	4.2 - Stimulate the take-up and application of green transport solutions for regional freight and personal transport

Tabel 1: Resultatindikatorer - 4.7c.4.2

ID	Indikator	Måleenhed	Referenceværdi	Referenceår	Målværdi (2023) I alt	2018 I alt	2018 Kvalitativ	Bemærkninger
4.2	Capacity of authorities and enterprises to increase the use of green transport services	Capacity scale	3.0	2015	4.0		0	Due to unforeseen circumstances surrounding project implementation, the revue will take into account 2017 and 2019 values accordingly.

ID	Indikator	2017 I alt	2017 Kvalitativ	2016 I alt	2016 Kvalitativ	2015 I alt	2015 Kvalitativ	2014 I alt	2014 Kvalitativ
4.2	Capacity of authorities and enterprises to increase the use of green transport services		0		0		0		0

Prioritetsakser for teknisk bistand

Prioritetsakse	5 - Technical Assistance
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Table 2: Fælles og programspecifikke outputindikatorer - 5.Technical Assistance

(1)	ID	Indikator	Måleenhed	Målværdi	2018	Bemærkninger
F	5.1	Number of project ideas advised	Project ideas	500,00	16,00	Internal monitoring at JS and NCPs. 276 in total. Current status: On track (target value 500)
S	5.1	Number of project ideas advised	Project ideas	500,00	16,00	Internal monitoring at JS and NCPs. 276 in total. Current status: On track (target value 500)
F	5.2	Number of applications received and assessed	Applications	237,00	108,00	Monitoring system. 320 in total. Current status: On track (target value 237)
S	5.2	Number of applications received and assessed	Applications	237,00	108,00	Monitoring system. 320 in total. Current status: On track (target value 237)
F	5.3	Percentage of programme output targets met	% output indicators achieved	95,00	0,00	Monitoring system. Priority 1 : Specific output indicator : 74.4% (1.1) ; 44,1% (1.2) and 17,1% (1.3) ; Priority 2 : Specific output indicator : 32,1% ; Priority 3 : Specific output indicator : 32,8% (3.1) and 47,3% (3.2) ; Priority 4 : Specific output indicator : 29,8%
S	5.3	Percentage of programme output targets met	% output indicators achieved	95,00	0,00	Monitoring system. Priority 1 : Specific output indicator : 74.4% (1.1) ; 44,1% (1.2) and 17,1% (1.3) ; Priority 2 : Specific output indicator : 32,1% ; Priority 3 : Specific output indicator : 32,8% (3.1) and 47,3% (3.2) ; Priority 4 : Specific output indicator : 29,8%
F	5.4	Number of visitors to programme website	Visitors	150.000,00	70.000,00	Count tool on website. 228,590in total. Current status: Exceeding the target value (150,000). Explanation: Our programme had a lapse of 6 weeks' statistics between 15 September – 30 October due to installation of an SSL certificate which disrupted the link between Google Analytics; we were unaware of this so it was only addressed after 6 weeks. The number we have from the GA is 60,508 – however, we get to 70.000 extrapolating.
S	5.4	Number of visitors to programme website	Visitors	150.000,00	70.000,00	Count tool on website. 228,590in total. Current status: Exceeding the target value (150,000). Explanation: Our programme had a lapse of 6 weeks' statistics between 15 September – 30 October due to installation of an SSL certificate which disrupted the link between Google Analytics; we were unaware of this so it was only addressed after 6 weeks. The number we have from the GA is 60,508 – however, we get to 70.000 extrapolating.
F	5.5	Number of participants at events promoting the programme and its results	Participants	10.000,00	490,00	Monitoring by JS and other event organisers. 4,466 in total. Current status: On track (target value 10,000)
S	5.5	Number of participants at events promoting the programme and its results	Participants	10.000,00	490,00	Monitoring by JS and other event organisers. 4,466 in total. Current status: On track (target value 10,000)
F	5.6	Amount of expenditure requiring follow-up and / or correction	% of total programme budget	2,32	0,00	Monitoring (baseline is 4.82%). 0 in total. Current status: On track (target value 2,32)
S	5.6	Amount of expenditure requiring follow-up and / or correction	% of total programme budget	2,32	0,00	Monitoring (baseline is 4.82%). 0 in total. Current status: On track (target value 2,32)
F	5.7	Number of employees (FTEs) whose salaries are co-financed by technical assistance	FTEs	12,50	14,00	Approximate number.
S	5.7	Number of employees (FTEs) whose salaries are co-financed by technical assistance	FTEs	12,50	14,00	Approximate number.

(1)	ID	Indikator	2017	2016	2015	2014
F	5.1	Number of project ideas advised	18,00	69,00	173,00	0,00
S	5.1	Number of project ideas advised	18,00	69,00	173,00	0,00
F	5.2	Number of applications received and assessed	62,00	71,00	79,00	0,00
S	5.2	Number of applications received and assessed	62,00	71,00	79,00	0,00
F	5.3	Percentage of programme output targets met	0,00	0,00	0,00	0,00
S	5.3	Percentage of programme output targets met	0,00	0,00	0,00	0,00
F	5.4	Number of visitors to programme website	46.489,00	37.284,00	37.407,00	37.407,00
S	5.4	Number of visitors to programme website	46.489,00	37.284,00	37.407,00	37.407,00
F	5.5	Number of participants at events promoting the programme and its results	732,00	710,00	1.267,00	1.267,00
S	5.5	Number of participants at events promoting the programme and its results	732,00	710,00	1.267,00	1.267,00
F	5.6	Amount of expenditure requiring follow-up and / or correction	0,00	0,00	0,00	0,00
S	5.6	Amount of expenditure requiring follow-up and / or correction	0,00	0,00	0,00	0,00
F	5.7	Number of employees (FTEs) whose salaries are co-financed by technical assistance	14,00	14,00	14,00	14,00
S	5.7	Number of employees (FTEs) whose salaries are co-financed by technical assistance	14,00	14,00	14,00	14,00

(1) S=kumulativ værdi - output skal leveres med udvalgte operationer [prognose, som modtaget fra støttemodtagere], F=kumulativ værdi - output leveret af operationer [faktisk præstation]

Prioritetsakse	5 - Technical Assistance
Specifikt mål	5.1 - To communicate the programme to relevant stakeholders and stimulate them to develop and deliver high quality projects

Tabel 1: Resultatindikatorer - 5.5.1

ID	Indikator	Måleenhed	Referenceværdi	Referenceår	Målværdi (2023) I alt	2018 I alt	2018 Kvalitativ	Bemærkninger
5.1	No indicator required	NA	0,00	0	0,00			

ID	Indikator	2017 I alt	2017 Kvalitativ	2016 I alt	2016 Kvalitativ	2015 I alt	2015 Kvalitativ	2014 I alt	2014 Kvalitativ
5.1	No indicator required								

Prioritetsakse	5 - Technical Assistance
Specifikt mål	5.2 - To ensure the sound financial management of the programme at all levels so that implementation happens with a minimum of errors, without delays, and in line with all applicable regulations

Tabel 1: Resultatindikatorer - 5.5.2

ID	Indikator	Måleenhed	Referenceværdi	Referenceår	Målværdi (2023) I alt	2018 I alt	2018 Kvalitativ	Bemærkninger
5.2	Also not required	NA	0,00	0	0,00			

ID	Indikator	2017 I alt	2017 Kvalitativ	2016 I alt	2016 Kvalitativ	2015 I alt	2015 Kvalitativ	2014 I alt	2014 Kvalitativ
5.2	Also not required								

3.3 Tabel 3: Oplysninger om delmål og målsætninger fastsat i resultatrammen

Prioritetsakse	Ind type	ID	Indikator	Måleenhed	Delmål for 2018 i alt	Endeligt mål (2023), i alt	2018	Bemærkninger
1	F	P1.1	Total eligible expenditure incurred by beneficiaries and entered in the accounting system of the Certifying Authority	EUR (ERDF + co-financing)	2250000	89.387.570,00	9.819.310,00	Expenditure reimbursed to projects by 31 Dec 2018.
1	I	P 1.2	Number of applications received and assessed	Applications	27	54,00	33,00	33 Full applications; 53 Expressions of Interest.
1	O	1.1	Number of enterprises cooperating with new / improved knowledge partnerships	Enterprises	0	477,00	1.063,00	
1	O	1.2	Number of improved or new innovation support measures launched for businesses	Measures	0	20,00	67,00	
1	O	1.3	Number of improved or new innovation support measures launched for public service delivery	Measures	0	20,00	14,00	
2	F	P1.1	Total eligible expenditure incurred by beneficiaries and entered in the accounting system of the Certifying Authority	EUR (ERDF + co-financing)	2250000	84.697.410,00	4.755.546,00	Expenditure reimbursed to projects by 31 Dec 2018.
2	I	P 1.2	Number of applications received and assessed	Applications	15	28,00	26,00	26 Full applications; 38 Expressions of Interest.
2	O	2.1	Number of green products, services and processes piloted and/or adopted by the project	Green products, services or processes developed	0	51,00	93,00	
3	F	P1.1	Total eligible expenditure incurred by beneficiaries and entered in the accounting system of the Certifying Authority	EUR (ERDF + co-financing)	2250000	88.042.490,00	12.642.246,00	Expenditure reimbursed to projects by 31 Dec 2018.
3	I	P 1.2	Number of applications received and assessed	Applications	13	31,00	25,00	25 Full applications; 29 Expressions of Interest
3	O	3.1	Number of new and/or improved climate change adaptation methods demonstrated	Climate change adaptation solutions	0	25,00	19,00	
3	O	3.2	Number of sites managed using new solutions supporting long-term sustainability	Sites	0	42,00	44,00	
4	F	P1.1	Total eligible expenditure incurred by beneficiaries and entered in the accounting system of the Certifying Authority	EUR (ERDF + co-financing)	2250000	52.309.996,00	2.882.598,00	Expenditure reimbursed to projects by 31 Dec 2018.
4	I	P 1.2	Number of applications received and assessed	Applications	20	37,00	24,00	24 Full applications; 30 Expressions of Interest
4	O	4.1	Number of new and/or improved green transport solutions adopted	Green transport solutions	0	50,00	45,00	

Prioritetsakse	Ind type	ID	Indikator	Måleenhed	2017	2016	2015	2014
1	F	P1.1	Total eligible expenditure incurred by beneficiaries and entered in the accounting system of the Certifying Authority	EUR (ERDF + co-financing)	1.334.466,00			
1	I	P 1.2	Number of applications received and assessed	Applications	18,00	30,00	27,00	0,00
1	O	1.1	Number of enterprises cooperating with new / improved knowledge partnerships	Enterprises	100,00			
1	O	1.2	Number of improved or new innovation support measures launched for businesses	Measures	8,00			
1	O	1.3	Number of improved or new innovation support measures launched for public service delivery	Measures	4,00			
2	F	P1.1	Total eligible expenditure incurred by beneficiaries and entered in the accounting system of the Certifying Authority	EUR (ERDF + co-financing)	1.387.943,00			
2	I	P 1.2	Number of applications received and assessed	Applications	21,00	15,00	16,00	0,00
2	O	2.1	Number of green products, services and processes piloted and/or adopted by the project	Green products, services or processes developed	9,00			

Prioritetsakse	Ind type	ID	Indikator	Måleenhed	2017	2016	2015	2014
3	F	P1.1	Total eligible expenditure incurred by beneficiaries and entered in the accounting system of the Certifying Authority	EUR (ERDF + co-financing)	1.214.890,00			
3	I	P 1.2	Number of applications received and assessed	Applications	8,00	18,00	20,00	0,00
3	O	3.1	Number of new and/or improved climate change adaptation methods demonstrated	Climate change adaptation solutions	1,00			
3	O	3.2	Number of sites managed using new solutions supporting long-term sustainability	Sites	16,00			
4	F	P1.1	Total eligible expenditure incurred by beneficiaries and entered in the accounting system of the Certifying Authority	EUR (ERDF + co-financing)	928.511,00			
4	I	P 1.2	Number of applications received and assessed	Applications	15,00	12,00	15,00	0,00
4	O	4.1	Number of new and/or improved green transport solutions adopted	Green transport solutions	15,00			

3.4. Finansielle oplysninger

Tabel 4: Finansielle oplysninger vedrørende prioritetsakser og programmer

Som anført i tabel 1 i bilag II til Kommissionens gennemførelsesforordning (EU) nr. 1011/2014 (Model til indberetning af finansielle data) og tabel 16 i modellen for samarbejdsprogrammer under målet om europæisk territorielt samarbejde

Prioritetsakse	Fond	Beregningsgrundlag	Finansiering i alt	Medfinansieringsrate	De samlede støtteberettigede udgifter til operationer, som er udvalgt til støtte	Andel af den samlede tildeling, som er omfattet af udvalgte foranstaltninger	Offentlige støtteberettigede udgifter til operationer, som er udvalgt til støtte	De samlede støtteberettigede udgifter, som modtagerne har anmeldt til forvaltningsmyndigheden	Andel af den samlede tildeling, som er omfattet af støtteberettigede udgifter anmeldt af støttemodtagerne	Antal udvalgte foranstaltninger	Samlede støtteberettigede udgifter, der er afholdt af og betalt til støttemodtagere senest den 31.12.2018 og attesteret over for Kommissionen
1	EFRU	I alt	93.662.224,00	50,00	70.315.320,00	75,07%	64.688.920,00	12.186.141,00	13,01%	18	9.819.310,00
2	EFRU	I alt	90.317.144,00	50,00	68.492.892,00	75,84%	59.473.019,00	8.722.688,00	9,66%	15	4.755.546,00
3	EFRU	I alt	73.591.748,00	50,00	76.920.458,00	104,52%	73.144.422,00	16.831.132,00	22,87%	17	12.642.246,00
4	EFRU	I alt	56.866.350,00	50,00	40.792.746,00	71,73%	37.070.360,00	5.162.256,00	9,08%	10	2.882.598,00
5	EFRU	Offentlig	14.336.054,00	70,00	14.336.054,00	100,00%	14.336.054,00	3.645.044,00	25,43%	1	
I alt	EFRU		328.773.520,00	50,87	270.857.470,00	82,38%	248.712.775,00	46.547.261,00	14,16%	61	30.099.700,00
Samlet tal			328.773.520,00	50,87	270.857.470,00	82,38%	248.712.775,00	46.547.261,00	14,16%	61	30.099.700,00

Hvis det er relevant, indberettes anvendelsen af bidrag fra tredjelande, der deltager i samarbejdsprogrammet (f.eks. IPA og ENI, Norge, Schweiz)

This section is not relevant nor applicable for the North Sea Region programme.

Tabel 5: Fordelingen af de kumulative økonomiske data efter interventionskategori

Som anført i tabel 2 i bilag II til Kommissionens gennemførelsesforordning (EU) nr. 1011/2014 (Model til indberetning af finansielle data) og tabel 6-9 i modellen for samarbejdsprogrammer

Prioritetsakse	Fond	Interventionsområde	Finansieringsform	Den territoriale dimension	Territorial gennemførelsesmekanisme	Dimensionen tematisk mål	ESF's sekundære tema	Den økonomiske dimension	Lokaliseringsdimensionen	De samlede støtteberettigede udgifter til operationer, som er udvalgt til støtte	Offentlige støtteberettigede udgifter til operationer, som er udvalgt til støtte	De samlede støtteberettigede udgifter, som modtagerne har anmeldt til forvaltningsmyndigheden	Antal udvalgte foranstaltninger
1	EFRU	060	01	04	07	01		24	DK	9.672.912,00	8.710.358,00	2.864.155,00	3
1	EFRU	062	01	04	07	01		24	NL	11.600.354,00	10.109.257,00	721.133,00	3
1	EFRU	063	01	04	07	01		24	BE	13.570.572,00	12.880.690,00	3.537.210,00	3
1	EFRU	066	01	04	07	01		24	NL	10.253.628,00	8.885.595,00	3.497.784,00	3
1	EFRU	067	01	04	07	01		24	NL	12.536.560,00	11.631.722,00	0,00	3
1	EFRU	078	01	04	07	01		24	NL	12.681.294,00	12.471.298,00	1.565.859,00	3
2	EFRU	012	01	04	07	06		22	NL	15.542.592,00	14.537.782,00	2.797.733,00	4
2	EFRU	013	01	04	07	06		22	NL	19.235.546,00	15.383.157,00	2.139.337,00	4
2	EFRU	023	01	04	07	06		22	DE	16.232.192,00	14.300.185,00	755.264,00	4
2	EFRU	069	01	04	07	06		22	BE	17.482.562,00	15.251.895,00	3.030.354,00	3
3	EFRU	085	01	04	07	05		22	NL	47.180.200,00	46.000.383,00	12.134.888,00	8
3	EFRU	087	01	04	07	05		22	UK	29.740.258,00	27.144.039,00	4.696.244,00	9
4	EFRU	036	01	04	07	07		12	NL	15.929.846,00	14.517.157,00	1.128.862,00	4
4	EFRU	043	01	04	07	07		12	UK	12.046.534,00	10.647.428,00	1.641.309,00	3
4	EFRU	044	01	04	07	07		12	DE	12.816.366,00	11.905.775,00	2.392.085,00	3
5	EFRU	121	01	04	07			18	DK	10.752.040,00	10.752.040,00	3.645.044,00	1
5	EFRU	122	01	04	07			18	DK	716.803,00	716.803,00	0,00	1
5	EFRU	123	01	03	07			18	DK	2.867.211,00	2.867.211,00	0,00	1

Tabel 6: Kumulative udgifter til en operation, der helt eller delvist gennemføres uden for Unionens del af programområdet

1. Operation (2)	2. Det EFRU-støttebeløbet (1), der påtænkes anvendt til en operation, der helt eller delvist gennemføres uden for Unionens del af programområdet, baseret på udvalgte operationer	3. Andel af den samlede finansielle tildeling til en operation, der helt eller delvist gennemføres uden for Unionens del af programområdet (%) (kolonne 2/total beløb tildelt i støtte fra EFRU på programniveau *100)	4. De EFRU-støtteberettigede udgifter, der er afholdt til en operation, der helt eller delvist gennemføres uden for Unionens del af programområdet, som modtagen har anmeldt til forvaltningsmyndigheden	5. Andel af den samlede finansielle tildeling til en operation, der helt eller delvist gennemføres uden for Unionens del af programområdet (%) (kolonne 4/total beløb tildelt i støtte fra EFRU på programniveau *100)
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(1) EFRU-støtten er Kommissionens afgørelse om det pågældende samarbejdsprogram.

(2) I overensstemmelse med og inden for lofterne i artikel 20 i forordning (EU) nr. 1299/2013.

4. SAMMENFATNING AF EVALUERINGER

Work on the evaluation plan started in 2015 with initial discussions with the Monitoring Committee once the Programme was adopted. The Evaluation Steering Group (ESG) received a mandate from the Monitoring Committee to initiate work on the draft evaluation plan. The final approval of the Programme's evaluation plan was issued in 2016. The evaluation plan consists of three parts: (i) the review of the two step application process; (ii) operational evaluation – efficiency and effectiveness of communications and management structures and (iii) operational evaluation – efficiency and effectiveness of programme implementation / delivery and (iii) impact evaluation.

The first evaluation of the review of the two step application process was made in 2017.

It was circulated to the Monitoring Committee and the Evaluation Steering Group on 26 September 2017. The main findings are presented down below:

- The time frame of the application process from start to finish is too long and needs to be shortened;
- The content of an expression of interest (EOI) and the level of detail required in this first stage application are points of contention;
- There is clearly a list of 'wishes and needs' on the part of applicants in terms of the support they receive, which should be addressed.

Based on the above, the group concluded the following:

- It is best to stick with a two-step procedure in its basic form. There are no strong arguments for abandoning it, and it appears that the reasons for having an EOI stage are sound;
- However, there needs to be a reduction in the time between submitting an EOI and having a decision on a full application. Scenarios 2 and 3 in point 8.2.1 of the report are possible contenders;
- There is a resource issue. Whatever decision the Monitoring Committee makes in the end, they should factor in the necessary level of resources to implement the change/s.

The ESG therefore asked the Monitoring Committee, at meeting #5 in Lüneburg to appoint a working group to make solid recommendations on the following issues:

- How to reduce the amount of time that an entire application cycle takes, from first stage to a decision on the second stage;
- To what extent the amount of information required in an EOI should be altered. Is it sufficient? Is it too much? Is it not enough?
- Support mechanisms and whether they can/should be augmented. For example, more one-on-one support with full applications from the Joint Secretariat.

Based on the decision at the Monitoring Committee meeting in Lüneburg, the appointed working group carried on the work and also met on 28 November 2017 in Antwerp.

The draft version of the final report of the two-step review was circulated to the Monitoring Committee and the Evaluation Steering Group (ESG) on 19 December 2017. There were no official meeting for decision-making as this was sent out via Written Procedure. Deadline for the Written procedure was 26 January 2018. The main

findings were:

- Take note of the evaluation report including annexes;
- Approve the timelines for Calls 5, 6 and 7 as suggested in the evaluation report;
- Approve the proposed changes to application and assessment forms as suggested in annex 2 to the evaluation report, including:
 - Character limits imposed on Full Application assessment forms from Call 5;
 - Changes to character limits imposed on EOI applications and inclusion of guidance to projects in the form from Call 6;
 - Character limits imposed on EOI assessment forms from Call 6;
 - Character limits imposed on Full Application forms from Call 7

Amendments to the EOI application form from Call 8;

- Ask the joint secretariat to develop an approach to shorten the assessments of EOIs and Full Applications significantly from call 5 and 6 on as suggested in annex 2;
- To take note and acknowledge the coordinated efforts between the secretariat and the national contact points (NCPs) as outlined in annex 2;
- Approve the guidance note for call 6, which is attached as annex 4.

The final outcome of the Written Procedure was approved on 5 February 2018. The main outcome was:

Considering the comments of Flanders, the final deadline of call 7 was extended to 1 October 2018. Germany's definition for the preparation phase for each call will be used by the joint secretariat from now on and the additional one-page attachment to EOIs will be made available from call 8 and onwards. The Dutch comments on providing more detailed guidance for EOI applications will be considered when adding additional guidance to the form. More guidance in relation to the guidance note will be provided by stressing the links to additional e-guidance in the call announcement on the programme's website. Their proposal not to introduce the proposed character limits in application and assessment forms did not

find the support of other countries.

Taking the above into account the countries agreed to:

· Call 5: Full applications Preparation phase: 29.12.2017 – 08.02.2018

Submission phase: 09.02.2018 – 05.03.2018

Steering Committee: 19.06.2018 – 20.06.2018

· Call 6: Expression of Interest Preparation phase: 29.12.2017 – 04.03.2018

Submission phase: 05.03.2018 – 05.04.2018

Call 7: Full applications Preparation phase: 29.06.2018 – 02.09.2018

Submission phase: 03.09.2018 – 01.10.2018

Steering Committee: 11.12.2018 – 12.12.2018

· Character limits imposed on Full Application assessment forms from Call 5 and on EOI assessment forms from Call 6.

· Changes to character limits imposed on EOI applications from Call 6 and on Full Application forms from Call 7.

· Inclusion of guidance to projects in the EOI application form from Call 6 and amendments to the form from Call 8, including the possibility for a one-page attachment.

· The joint secretariat will develop an approach to shorten the assessments of EOIs and Full Applications significantly from call 5 and 6 on.

· Acknowledgment of the coordinated efforts between the secretariat and the national contact points (NCPs).

Navn	Fond	Fra måned	Fra år	Til måned	Til år	Evalueringsstype	Tematisk mål	Emne	Resultater
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5 . FORHOLD, DER HAR INDFLYDELSE PÅ PROGRAMRESULTATERNE, OG KORRIGERENDE FORANSTALTNINGER, DER ER TRUFFET

(a) Forhold, der har indflydelse på programresultaterne, og foranstaltninger, der er truffet

The Joint Secretariat

In the initial phase of the programme implementation, the Joint Secretariat suffered from capacity problems following a reduced TA budget when compared to the previous programming period. Steps were taken by the Monitoring Committee to improve the situation and an additional project advisor was employed in 2017. This coincided with long term illness and subsequent death of a key member of staff so at first the situation continued to be difficult. In 2018 an organisational restructuring of the secretariat took place and two additional members of staff were employed. This change has improved the capacity of the secretariat significantly and the capacity problems are now considered resolved.

The programme is applying a two-step application process which, as documented in a process analysis, is well liked by both project applicants and decision makers in both Steering and Monitoring Committees. The drawback is, however, that applying the two-step approach is very labor intensive at the administrative level. This, in combination with the capacity problems in the secretariat led to a relatively lengthy application process, which was long term unsustainable. The successful restructuring of the secretariat in combination with the measures taken by the MC after the evaluation of the two-step procedure has freed up sufficient resources to launch two additional annual calls for applications in 2018, one for Expressions of Interest and one for Full Applications. This increased the number of approved projects and improved the N+3 situation and the risk of decommitment of the programme significantly. Overall, however, the programme still suffers the consequences of a slow start, which paired with the normal delays in project implementation has had a negative impact on the take up of funding for projects. So far there are, however, no indications of a N+3 problem. The spending target for 2018 was exceeded and the targets for 2019 and 2020 will be reached.

The hierarchy of rules, First Level Control and audit

In the past the North Sea Programme has in some cases been subject to error rates exceeding the 2% materiality threshold, which at times have led to interruptions of payment from the European Commission. In the programme preparation phase significant efforts were made to avoid such a situation in the future.

The development of fact sheets on programme rules has been a very important element in this. The establishment of programme rules, which means that project beneficiaries from all member states within the programme and Norway applies the same set of rules as described in Article 18 of Regulation 1299/2013, has simplified the project administration significantly. This has, in turn, led to a noticeable drop in the errors detected by the 2nd level control and so far the programme has experienced error rates far below the 2% threshold.

Another significant step towards securing lower error rates has been taken at member state level where most countries have increased the requirements for becoming appointed as a First Level Controller. In addition, some Member States (e.g. Germany) perform seminars to train beneficiaries and to inform First Level Controllers about programme rules and subsequent changes. This has professionalized the First Level Control significantly which, in combination with a simplified regulative environment, has contributed to the lower error rates.

One last but equally important factor in the journey towards lower error rates has been that all stakeholders both on national level, programme level and within the Group of Auditors have been determined to minimize the risk of "gold plating". Gold plating is difficult to avoid entirely and a few cases have been identified but the fact that the stakeholders have been very conscious of the risk has meant that the cases are few and far between.

The OMS

As part of the programme preparation a decision was needed regarding the electronic system for project administration in the new programme. At the time the choice was between a generic system covering several programmes or choosing a tailor made system for the North Sea Region programme. Following some discussions it was decided to choose the tailor made programme rather than a generic system which would need subsequent programme specific adjustments. The result was the development of the On-line Monitoring System (OMS) which has become the backbone of the programme administration.

The decision to go for the OMS solution has proven to be both very reliable and extremely cost efficient in comparison with other alternatives. The system has also enabled the Joint Secretariat to deliver its task at a higher quality level with a lower number of staff than otherwise possible, had an alternative solution been chosen.

It is anticipated that the OMS platform will be used if a new North Sea programme becomes part of the next structural funds period.

(b) VALGFRI FOR LETTE RAPPORTER, ellers inkluderet i pkt. 9.1. En vurdering af, om fremskridtene hen imod målene er tilstrækkelige til at sikre, at de opfyldes, med angivelse af de afhjælpende foranstaltninger, der er truffet eller planlagt, hvis det er relevant.

See previous section 5. ISSUES AFFECTING THE PERFORMANCE OF THE

PROGRAMME AND MEASURES TAKEN

(a) Issues which affect the performance of the programme and the measures taken.

6. SAMMENDRAG TIL BORGERNE (ARTIKEL 50, STK. 9, I FORORDNING (EU) NR. 1303/2013)

Et sammendrag til borgerne af indholdet af de årlige og endelige gennemførelsesrapporter gøres offentligt tilgængeligt og uploades som en særskilt fil i form af et bilag til de årlige og endelige gennemførelsesrapporter.

Sammendraget til borgerne kan uploades/findes under Generelt > Dokumenter

7. RAPPORT OM GENNEMFØRELSEN AF FINANSIELLE INSTRUMENTER (ARTIKEL 46 I FORORDNING (EU) NR. 1303/2013)

8. FREMSKRIDT I FORBEREDELSEN OG GENNEMFØRELSEN AF STORE PROJEKTER OG FÆLLES HANDLINGSPLANER (ARTIKEL 101, LITRA H), OG ARTIKEL 111, STK. 3, I FORORDNING (EU) NR. 1303/2013, OG ARTIKEL 14, STK. 3, LITRA B), I FORORDNING (EU) NR. 1299/2013)

8.1. Store projekter

Tabel 7: Store projekter

Projekt	FÆLLES KONSUL/ERE INSTRUKSER	Status for det store projekt	Samlede investeringer	Samlede støtteberettigede udgifter	Planlagt dato for underretning/indgivelse	Dato for stiltende aftale/Kommissionens godkendelse	Planlagt påbegyndelse af gennemførelse	Planlagt dato for afslutning	Prioritetsakse/investeringsprioriteter	Aktuel gennemførelsesstatus — finansielle fremskridt (i % af udgifter attesteret over for Kommissionen i forhold til samlede støtteberettigede udgifter)	Aktuel gennemførelsesstatus — fysiske fremskridt, projektets vigtigste gennemførelsesfase	Vigtigste output	Dato for underskrivelse af den første bygge- og anlægskontrakt (1)	Bemærkninger
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(1) I tilfælde af operationer, der gennemføres under OPP-strukturer, underskrivelsen af OPP-aftalen mellem den offentlige myndighed og det privatretlige organ (artikel 102, stk. 3, i forordning (EU) nr. 1303/2013).

Væsentlige problemer, der har gjort sig gældende ved gennemførelsen af store projekter, og hvordan de er blevet løst

Not applicable for the North Sea Region Programme.

Eventuelle planlagte ændringer i listen over store projekter i samarbejdsprogrammet

Not applicable for the North Sea Region Programme.

8.2. Fælles handlingsplaner

Forløbet af gennemførelsen af de forskellige stadier i fælles handlingsplaner

Not applicable for the North Sea Region Programme.

Tabel 8 : Fælles handlingsplaner (JAP)

JAP- betegnelse	FÆLLES KONSULÆRE INSTRUKSER	Stadium af gennemførelsen af JAP	Samlede støtteberettigede udgifter	Samlet offentlig støtte	OP-bidrag til JAP	Prioritetsakse	JAP- type	[Planlagt] indgivelse til Kommissionen	[Planlagt] påbegyndelse af gennemførelsen	[Planlagt] afslutning	Vigtigste output og resultater	Samlede støtteberettigede udgifter attesteret over for Kommissionen	Bemærkninger
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Væsentlige problemer, der har gjort sig gældende, og hvordan de er blevet løst.

Not applicable for the North Sea Region Programme.

9. VURDERING AF GENNEMFØRELSEN AF SAMARBEJDSPROGRAMMET (ARTIKEL 50, STK. 4, I FORORDNING (EU) NR. 1303/2013 OG ARTIKEL 14, STK. 4, I FORORDNING (EU) NR. 1299/2013)

9.1 Oplysninger i del A og opfyldelse af programmets mål (artikel 50, stk. 4, i forordning (EU) nr. 1303/2013)

Prioritetsakse	1 - Thinking Growth: Supporting growth in North Sea Region economies
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76,3% of available ERDF funding has been allocated to Priority 1 projects. Of the total available Norwegian funding (for all priorities), 83,7% has been allocated. 35,3% of the total available funding has been allocated to priority 1 projects. With a co-funding rate of 50%, the respective total budget for the priority 1 projects is €75.9 million. The average approval rate across all calls for applications is 45% for Expressions of Interests and 55% for Full Applications. In the calls that took place in 2017 and 2018 (calls 3 to 8), the average approval rate was 50% for EOIs and 71,4% for Full Applications. The spread of approved projects across the three specific objectives in Priority 1 is four projects under 1.1, eight projects under 1.2, and six under 1.3.

With regard to the compulsory output indicators for this priority, 74,4% of the target for specific objective 1.1 - number of enterprises cooperating with new/improved knowledge partnerships,) - has been achieved. Of the target for specific objective 1.2 - number of improved or new innovation support measures launched for businesses - 44,1% has been achieved. Finally, with regard to specific objective 1.3 - number of improved or new innovation support measures launched for public service delivery - only 17,1% of the target has been achieved.

Achievement of first results has been reported by some projects during the last two years. The Northern Connections project, for example, aims to create innovation connections between enterprises and clusters in the energy sector, to involve more enterprises in transnational innovation cooperation, and to support SME internationalization. Ten percent of the enterprises in their clusters have moved at least one step up on the technology readiness level scale. One of the strategies to achieve this was by developing, continuously updating, and encouraging the use of a toolbox, which serves as a catalogue of cluster-SME interaction tools. The ultimate target for this result indicator is 25%.

Prioritetsakse	2 - Eco-innovation: Stimulating the green economy
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In 2017 and 2018, the North Sea Region Programme received 16 full applications and 28 expressions of interest in priority 2 from calls 3 to 8. Of these, the Programme approved twelve projects, which means an approval rate of 75%. The approval rate for expressions of interest in call 3 to 8 was 40%, with 11 expressions of interest approved. During this programming period, the overall approval rate is 58% for full applications in priority 2, and 43% for expressions of interest.

In total, 15 projects are currently being implemented in priority 2. In terms of coverage of the specific objectives, nine projects fall under specific objective 2.1 and six under 2.2. With a co-funding rate of 50% of the respective total budget, the total budget for all approved priority 2 projects is €67,6 million. The allocation rate is 76% for available ERDF funding. Of the total available Norwegian funding, 16,5% has been allocated to priority 2 projects.

Priority 2 projects started submitting implementation reports in 2017. The submitted reports clearly indicate that good progress is being made on achieving the priority 2 specific output indicator 'green products, services and processes piloted and/or adopted by the project.' On an aggregated level, the approved priority 2 projects have a target value of 290 green products, services and processes. Of these, 93 green products, services and processes have been reported, meaning the current achievement rate is 32%.

Priority 2 projects have also started reporting on the achievement of their result targets. Results are only indicative at this time, as no final report has been submitted. Further progress on results is expected with future implementation reports. COBEN is a good example of a priority 2 project in terms of the level of achievements of the targeted results. Approved in call 2, the project is exploring how to improve climate and civic energy uptake. This is mainly done by facilitating transnational cooperation on local energy promotion within a collaborative civic energy network. In the first year-and-a-half of implementation, the project partners have made good progress toward achieving their two results. The partners are 80% toward achieving their targeted Community CO2 reductions, with 15 of aspiring 18 NSR communities exhibiting a reduction in CO2 emissions due to adoption of COBEN's climate-energy models. They have also improved civic energy uptake with 3% of the North Sea Region area served by civic energy due to the adoption of one of the COBEN Civic Energy Business Model. The ultimate target is 7,5%.

Prioritetsakse	3 - Sustainable North Sea Region: Protecting against climate change and preserving the environment
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In priority 3, the allocation rate is 105% for available ERDF. Of the total available Norwegian funding, 9,4% has been allocated to priority 3 projects. In 2018, the Monitoring Committee approved the over-allocation of ERDF funding by 5% for projects in priority 3. The total allocated budget for all priority 3 projects is €78,4 million.

In 2017 and 2018, the approval rate for full applications in calls 3 to 8 was 78%, with seven out of nine full applications approved. Expressions of interest were approved at a rate of 50% (four out of eight expressions of interests). Since the beginning of this programming period, the approval rate in priority 3 is 68% for full applications and 53% for expressions of interest%.

Seventeen projects are being implemented in priority 3. The coverage between the specific objectives within priority 3 is split between seven projects in specific objective 3.1 and 10 in 3.2.

Projects have achieved 33% of their output targets under specific objective 3.1, 'new and/or improved climate change adaptation methods demonstrated.' Under specific objective 3.2 - number of sites managed using new solutions supporting long-term sustainability - projects have reported 47% achievement of their targets.

Good progress has also been made in terms of results in priority 3, although results are only indicative, as no project has submitted their final report. A good example of a project that is making progress toward achieving their result targets in priority 3 is the PARTRIDGE project, which was approved in Call 2. This project aims to demonstrate how new best practice management solutions can improve biodiversity and ecosystem services and how these can be transferred across all regions of the NSR and the EU. Project activities contributing to this aim include introducing high quality grey partridge habitats at all demo sites,

providing supplementary winter feeding in partridge habitat areas, and enlisting the help of volunteer farmers, hunters, and other stakeholders to implement project measures. In the first year-and-a-half of implementation, the project partners have made significant inroads toward achieving their two results. The partners are a quarter of the way (20%) toward achieving the first of these – to increase capacity to improve farmland ecosystems across the North Sea Region by 80%. They have also improved farmland ecosystems by 10%, while the ultimate target is 30%.

Prioritetsakse	4 - Promoting green transport and mobility
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For Priority 4 projects, the allocation rate for ERDF is 72,2%. Of the total available Norwegian funding, 22,6% has been allocated to priority 4 projects. The total budget of all approved priority 4 projects is €44,4 million. The approval rate, taking all calls in consideration, was 42% for full applications and 45% for Expressions of Interest. In the calls of 2017 and 2018 (calls 3 to 8), the approval rates rose to 50% for Full Applications and 50% for Expressions of Interest. Nine projects have been approved under the specific objective 4.2 and one under specific objective 4.1.

With regard to the compulsory output indicator for this priority - number of new and/or improved green transport solutions adopted - 29,8% of the target has been achieved. This is the compulsory output indicator for both specific objectives.

When it comes to the results indicators in priority 4, the project #IWTS2.0 (Call 3) provides an example of the first progress being made during the last two years. By the end of 2018, the project had achieved long distance modal shifts from road to inland waterway transport of a total of 1.445.000 t/km per year. This is 7,2% of the target of 20.000.000 t/km. After a relatively slow start-up phase, the project is now steadily progressing towards the achievement of their objectives.

Prioritetsakse	5 - Technical Assistance
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Please see earlier text on Technical Assistance from section 3.1. Overview 5. Technical Assistance.

9.2. Specifikke foranstaltninger, der er truffet for at fremme ligestilling mellem mænd og kvinder og ikke-forskelsbehandling, særlig adgang for handicappede personer, og de ordninger, der er indført for at sikre integrering af kønsaspektet i samarbejdsprogrammet og i operationerne (artikel 50, stk. 4, i forordning (EU) nr. 1303/2013 og artikel 14, stk. 4, andet afsnit, litra d), i forordning (EU) nr. 1299/2013)

En vurdering af gennemførelsen af specifikke foranstaltninger under hensyntagen til principperne i artikel 7 i forordning (EU) nr. 1303/2013 om fremme af ligestilling mellem mænd og kvinder og ikke-forskelsbehandling og i relevant omfang afhængigt af samarbejdsprogrammets indhold og mål et overblik over de specifikke foranstaltninger, der er truffet for at fremme ligestilling mellem mænd og kvinder og ikke-forskelsbehandling, særlig adgang for handicappede personer, og de ordninger, der er indført for at sikre integrering af kønsaspektet i samarbejdsprogrammet og i operationerne.

The programme is committed to the promotion of equality between men and women. Main issues identified in the Cooperation Programme address the still existing pay gap and projects are expected to address it. The projects approved are mainly neutral towards gender equality and address the issues in terms of e.g. recruitment of project staff. The programme continues to ask applicants to address the issues as part of their application for funding and the input provided is part of the assessment which presents a recommendation for the programme's Steering Committee to approve or reject the proposal.

9.3. Bæredygtig udvikling (artikel 50, stk. 4, i forordning (EU) nr. 1303/2013 og artikel 14, stk. 4, afsnit 2, litra e), i forordning (EU) nr. 1299/2013)

En vurdering af gennemførelsen af foranstaltninger under hensyntagen til principperne i artikel 8 i forordning (EU) nr. 1303/2013 om bæredygtig udvikling og i relevant omfang afhængigt af det operationelle programs indhold og mål et overblik over de foranstaltninger, der er truffet for at fremme bæredygtig udvikling i overensstemmelse med denne artikel.

An assessment of the implementation of actions to take into account the principles set out in Article 8 of Regulation (EU) No 1303/2013 on sustainable development, including, where relevant, depending on the content and objectives of the cooperation programme, an overview of the actions taken to promote sustainable development in accordance with that Article

All projects in priority 3 are addressing different issues in relation to preserving the natural capital of the North Sea Region. One example is the TOPSOIL project, which is developing methods for better protection of ground water resources, including improving methods to ensure resilience against flooding caused by climate change. Other projects are supporting the restoration of damaged environmental assets, as for example North Sea Wrecks which is delivering solutions for the management of hazardous and environmental damaging munitions previously dumped in the North Sea.

Quite a number of projects are combining sustainable management of the North Sea environment with climate resilience. An example is Building with Nature. The project is developing nature-based solutions for protecting the coast against flooding and also the wetland areas behind the coastline.

Several projects in priority 2 and 3 are contributing to better production methods in order to reduce use of materials and prevent waste generation. An example is SoilCom on re-use of compost in environmental safe ways for improvement of productive soils and storage of carbon. Another project working in this field is BIOCAS. The project will turn the rural areas into smart specialized regions for the integrated and local valorization of biomass, based on biomass cascading principles. It means extracting valuable components out of biomass before it is processed.

A substantial number of projects in the two priorities are also using citizen science in order to promote a change in consumption patterns in order to promote healthy choices and lower the environmental footprint. The project 2imprezs will implement energy saving measures in existing school buildings across the North Sea Region to reduce energy consumption and costs and increase comfort. Students of participating schools will be engaged through a cross-border energy challenge initiative.

Projects across all four priorities of the programme are contributing to the development of low carbon economy in terms of reducing emissions of CO₂. The CANAPE project is creating a new approach to Peatland Ecosystems, which responding to drainage of peatlands which is releasing carbon to the atmosphere. The project is restoring wetland areas to reduce their CO₂ emissions and improve their capacity to store water. Peatland restoration is supported by developing the markets for products produced from wetland ecosystems - a type of farming known as Paludiculture.

Especially the projects within priority 4 are promoting use of public and sustainable transport that is also reducing greenhouse gas emissions. One example is the G-PatRA project, which is promoting green transport and mobility by enhancing the capacity of authorities to reduce CO₂ from personal transport in remote, rural and island areas. It will embed more zero emission vehicles in rural transport systems and

improve available passenger transport resources and by that reduce the individual car use.

9.4. Rapportering om den støtte, der er anvendt til målene vedrørende klimaforandringer (artikel 50, stk. 4, i forordning (EU) nr. 1303/2013)

Beregnete støttebeløb, der skal anvendes til klimamålene på baggrund af de kumulative finansielle data efter interventionskategori i tabel 7

Prioritetsakse	Vejledende støttebeløb til brug for klimamålene (EUR)	Andel af den samlede tildeling til det operationelle program (i %)
2	29.001.677,40	68,48%
3	24.306.169,00	55,21%
4	8.158.549,20	31,19%
I alt	61.466.395,60	36,75%

The assessment of progress made with regard to the support used for climate changes objectives are progressing well. Please see section 3. IMPLEMENTATION OF THE PRIORITY AXIS Overview of the implementation.

9.5 Partnernes rolle i gennemførelsen af samarbejdsprogrammet (artikel 50, stk. 4, i forordning (EU) nr. 1303/2013 og artikel 14, stk. 4, første afsnit, litra c), i forordning (EU) nr. 1299/2013)

En vurdering af gennemførelsen af foranstaltninger under hensyntagen til partnernes rolle, herunder inddragelsen af partnerne i gennemførelsen, overvågningen og evalueringen af samarbejdsprogrammet, jf. artikel 5 i forordning (EU) nr. 1303/2013

The partnership established during programming was also involved in the first steps of programme implementation. Their involvement was secured through good practice measures as e.g. making use of subcommittees in some of the partners countries when preparing Monitoring or Steering Committee meetings. The call 1 and 2 announcements were promoted towards the partners and beyond and access to relevant documents and information was secured through electronic documents accessible through the programme's website. No evaluations have taken place so far.

10. ANGIVELSE OG VURDERING AF OBLIGATORISKE OPLYSNINGER (ARTIKEL 14, STK. 4, FØRSTE AFSNIT, LITRA A) OG B), I FORORDNING (EU) NR. 1299/2013)

10.1 Fremskridt i gennemførelsen af evalueringsplanen og opfølgningen af evalueringsresultaterne

At the programme's Monitoring Committee meeting in May 2018, the joint secretariat reported that they were preparing the tender process for bidders to send offers for carrying out the programme evaluation. Following the discussions at the prior Monitoring Committee meeting to improve the links between capitalization and evaluations, the timeline for the impact evaluation was revised to include milestones for a midterm milestone report and a final report. The midterm milestone report is scheduled for delivery in 2019 and will include the main parts of the impact evaluation; the final report will be due in 2022 and provide an update of the 2019 findings. The updated Terms of Reference (ToR) for the evaluation procurement took these changes into account. The deliverables outlined in the ToR are:

- Operational evaluation
 - Efficiency and effectiveness of communication and management structure: Inception Report
 - Efficiency and effectiveness of programme delivery and implementation: Inception Report
 - Summary Report about Operational Evaluations

- Impact evaluation
 - Mid-term Milestone Report on impact, with a case study on each of two priorities
 - Final Milestone Report on impact, with a case study on each of the two additional priorities
 - Summary Evaluation Report on Impact

It was clarified that bidders would be invited to make one bid for both evaluations or a bid only for the operational or impact evaluation.

The secretariat finalized the procurement process for the programme evaluation on 12 July 2018. The programme evaluation bid adhered to Danish procurement rules and was published on TED (Tenders Electronic Daily). The procurement was online between 12 July and 31 August 2018. Three bids were submitted by the deadline. All three bids were for both evaluations (operational and impact). The three bidders were: European Policies Research Centre (University of Strathclyde), U.K., GEMBA Seafood Consulting A/S, Denmark, and Ramboll Management Consulting, Germany.

The secretariat informed the Evaluation Steering Group (ESG) about the three bids on 6 September 2018. The secretariat then assessed the three bids. The assessment checklist was also sent to members of the ESG. After finishing their individual assessments, the secretariat consolidated their conclusions. The summaries of their assessments were sent to the ESG on 27 September 2018.

The secretariat and the ESG met on Tuesday, 2 October in Copenhagen to discuss the three bids and decide which organization to recommend to the Monitoring Committee. Based on the assessment criteria as set out in the Terms of Reference (ToR) and the results of the consolidation meeting in Copenhagen,

the ESG and the secretariat recommend to the Monitoring Committee that Ramboll Management Consulting be contracted to carry out the programme evaluation. The Monitoring Committee approved this recommendation at their meeting in November 2018 and an inception meeting between the chosen contractor, the secretariat and the ESG was scheduled for 8 January 2019. A preparatory meeting for this inception meeting by the Evaluation Steering Group was held in Lübeck just after the programme's Steering Committee meeting.

Status	Navn	Fond	År for afslutning af evaluering	Evalueringstype	Tematisk mål	Emne	Resultater (i tilfælde af effektivering)	Opfølgning (i tilfælde af effektivering)
Udført	North Sea Region - Two Step Application Process: Report on the findings of NSRP Working Group on 2 Stage Application	EFRU	2018	Proces	01 05 06 07	The Joint Secretariat completed the internal evaluation on the review of the two stage application procedure. This was followed by an external report made by European Policies Research Centre (EPRC). Based on the findings of the Joint Secretariat's final report, a meeting with relevant programme stakeholders and EPRC was held in November 2017 in Antwerp. The outcome of this report was compiled in the section 'synthesis of the evaluations'. Both reports are attached in the documentation section.	See conclusions in the section 'synthesis of the evaluations'.	This report will feed into the future programme process and implementation.

10.2 Resultaterne af fondenes informations- og PR-foranstaltninger under kommunikationsstrategien

Communication strategy

In late 2018, a revision of the Programme Communication Strategy was begun, with the aim to align it with the current stage of the programme and in particular to ensure that it is aligned with and supports the Programme's capitalisation strategy which was prepared in 2018. A vital part of the revised strategy will be a stronger focus on effective dissemination of project results. The revised strategy is expected to be launched in the first half of 2019.

Website and project webspaces

Launched in April 2015, the website is continuously updated with information and guidance.

All 60 ongoing projects currently have their own 'webspace' (a mini-website) embedded in the main programme website, with over 100 user accounts. Projects are receiving monthly automated statistics reports set up in Google Analytics and the Programme provides lifetime reports on request.

Smaller adjustments of the website functionality have been made, and the Secretariat has worked to ensure the site is GDPR compliant. This entailed termination of the existing website service contract as the web service provider had adopted a new business model requiring their Russian subcontractor to handle data from our Programme website, including a large number of personal contact details contained in event registration forms and website user accounts. The Programme website is now self-hosted and Apogee – the Online Monitoring System service provider – is in charge of daily site maintenance on an interim basis. An SSL certificate was installed for the website in 2018.

In 2018, we assessed the website structure and functionality with regard to our capitalisation purposes and found them somewhat suboptimal. Different options to address this are currently being explored.

Project guidance

The Programme website offers extensive e-guidance resources for applicants and project administrators. In addition, we launched webinars in 2018 as a new form of guidance.

Guidance for project communicators was updated in 2018 and is presented in a dedicated web page, including webspace user guidance, logo usage guidance and guidance on the EU visibility requirements.

In 2018, the Secretariat conducted an online survey to discover the needs for communication support amongst the project community. Based on the outcomes, the Programme offered a well-received Project Communications Bootcamp in June 2018 in conjunction with the North Sea Conference.

In 2018, work began to develop a project communication toolkit including concise guidance and good examples. This will be launched in 2019, facilitating capitalisation as projects mature and produce results.

Newsletter and blog

The North Sea Blog was launched in 2017 as a platform for articles with a slightly more personal tone of voice

to provide more perspective on our activities, projects and events in the larger scheme of things. New articles were added to the North Sea Blog throughout 2018, involving several writers on staff in reporting from events or providing perspective. The Upshot newsletter (produced towards the end of the IVB programming period) was re-launched in May 2018 with a fresh design and had 871 subscribers by the end of the year. The newsletter links to news in the Programme website as well as the North Sea Blog.

Social media

The Programme has accounts on LinkedIn, Facebook, Twitter, YouTube, and Flickr. Flickr and YouTube are mainly used as repositories for photos and videos, respectively.

Facebook, LinkedIn and Twitter are used more actively to disseminate news stories to a wider audience present on social media. LinkedIn is the key channel with a loyal follower base and more engagement, and all three channels have a growing list of followers.

By the end of 2018, follower numbers were as follows:

LinkedIn: 3826 followers

Twitter: 1855 followers

Facebook: 667 followers

Since 2017, the Programme has used a social management media tool (Hootsuite) facilitating a streamlined management and monitoring of these accounts.

Publications and promotional materials

The Citizen Summary for the Implementation Report 2017 was designed to be an easy read, using imagery and featuring project highlights. The Programme also produced notebooks and USB sticks designed for the North Sea Region Programme.

Cooperation with the Interreg community

Since 2017, facilitated by Interact, the Interreg transnational programmes have worked closely together around promoting the specific benefits of transnational cooperation.

In 2017, the programmes jointly shaped 10 joint messages as the basis for further communication. Based on this, two major projects were undertaken in 2018, both of which were coordinated by the North Sea Region Programme: 1) Editing and designing the joint publication “10 Things to know about Transnational Cooperation” and 2) Development of the joint exhibition #MadeWithInterreg for the EU Week of Regions and Cities 7-11 October 2018. The exhibition entailed a 36m2 stand providing information about the programmes in creative, interactive ways, including large printed walls, tablets including stories and quizzes, a social media campaign and live presentations from several projects representing all programmes.

Events

The Programme hosts events such as project development and partner search seminars (so-called Interwork events), First Level Control seminars, communication workshops, and also supports North Sea Conferences. 2018 saw our first webinars for applicants and ongoing projects. This was successful and will be further expanded in the future, to complement our face-to-face training events and provide online recordings that can be accessed at any time.

In 2018, the Programme hosted an Interwork event in Bremen, Germany 16-17 January and in Bergen, Norway 4-5 September. The Programme also supported the North Sea Conference in June in Østfold, Norway, hosted by the North Sea Commission and County of Østfold. In conjunction with the Conference, the Programme offered two well-attended workshops: An Idea Generation Camp for project developers and a Communication Bootcamp for communicators of ongoing projects. Evaluations showed that these events were successful.

Visual identity

The Programme has opted to be part of INTERACT's joint branding of Interreg programmes. In 2018, the programme and project logos were updated according to the latest design including a larger EU flag.

11. ANGIVELSE AF YDERLIGERE OPLYSNINGER AFHÆNGIGT AF SAMARBEJDSPROGRAMMETS INDHOLD OG MÅL (ARTIKEL 14, STK. 4, ANDET AFSNIT, LITRA A), B), C) OG F), I FORORDNING (EU) NR. 1299/2013)

11.1. Fremskridt i gennemførelsen af den integrerede tilgang til territorial udvikling, herunder integrerede territoriale investeringer, bæredygtig udvikling af byområder og samfundsstyret lokal udvikling inden for rammerne af samarbejdsprogrammet

The projects approved address the principles for integrated territorial development as outlined in the Cooperation Programme.

- Developing an integrated approach to maritime spatial planning for the North Sea as a territory will contribute to capitalising the strengths of the territories connected through the sea so they can best contribute to sustainable, balanced development of the NSR. Such an integrated approach will at the same time help to overcome current challenges connected to traditional administrative borders in terms of spatial and economic planning. In this regard the new planning approach is expected to make a major contribution to interconnect e.g. the electricity grids throughout the North Sea region to allow to make better use of renewable energy production capacities and new forms of energy transport to reduce the reliance on conventional energy production by supporting the planning to boost the necessary infrastructure investments at the same time.
- Aspects of social innovation will be addressed to makes NSR cities more resilient towards intense rainfall to overcome current implementations barriers and to improve the liveability of cities around the North Sea.
- By creating a place based digital innovation culture public stakeholders will be enabled to develop new smart services to link local data with big data and to turn it into information that will provide new information about the North Sea area and that can be used within the entire territory of the North Sea region by its' citizens, policy makers, businesses and researchers.

By developing coordinated actions for making better and more use of shared transport solutions territories within the North Sea region will be better connected to provide reasonable access to efficient transport especially as a public service. By addressing cities these actions will also help to manage concentration processes by providing innovative and productive transport concepts that reduce air pollution through transport and aim to improve accessibility for all members of society.

11.2 Fremskridt i gennemførelsen af foranstaltninger til styrkelse af myndighedernes og støttemodtagernes kapacitet til at forvalte og anvende EFRU

A number of measures were agreed in the Cooperation Programme to reduce the administrative burden and to reinforce implementation.

Simplifying application procedures

The attempt to introduce a 2 step application process proved to be more difficult than expected. Detailed information is provided in section A.5.

Result oriented management

The implementation of a streamlined indicator system proved to require a lot additional guidance and explanation to all stakeholders involved. This has led to delays in contracting call 1 and 2 projects as further outlined in section A.5 and B 9.1

Simplified rules

The introduction of simpler and harmonized eligibility rules seems to be successful so far. A reduced number of budget lines have been implemented and the introduction of a flat rate for overheads has been proved to simplify especially application procedures so far. Outlining a framework of requirements for tendering and procurement on programme level has simplified the understanding about requirements on programme level and national rules to be considered for all stakeholders involved.

E-cohesion

Programme implementation and monitoring has become mainly paperless with the introduction of the VB Online Monitoring System (OMS). Application and reporting procedures have been streamlined to avoid the need for multiple entry of the same data which also avoids a major source for misunderstandings and mistakes. As the system is introduced while implementation of the programme continues timelines between programme requirements and providing required digital tools in the systems have sometimes been critical. As a risk factor already identified during programming in the Cooperation Programme timely implementation is however an important requirement and so far programme implementation and OMS implementation have been going along fine.

Version management

An introduction of version management procedures for the information provided to stakeholders has been positively received so far.

Training and information

A long list of measures has been established to train and inform stakeholders on all levels. These include interwork events to support applicants developing applications, training events about the use of the Online Monitoring System (OMS) for Committee members, beneficiaries and FLCs, train the trainers events for potential OMS trainers as secretariat staff, and FLC seminars for project stakeholders. Measures also include

the introduction of e-guidance on different aspects of application procedures, programme requirements and project implementation. The guidance materials use different digital formats and are available on the programme's website.

11.3 Bidrag fra makroregionale strategier og havområdestrategier (hvis relevant)

Som fastsat ved forordning (EU) nr. 1299/2013, betragtning 19, artikel 8, stk. 3, litra d), om "indhold, vedtagelse og ændring af samarbejdsprogrammer" og artikel 14, stk. 4, 2. underafsnit, litra c), om "gennemførelsesrapporter", bidrager dette program til MRS(s) og/eller SBS:

As outlined in the Cooperation programme it seems still to be unlikely that there will be an entire North Sea Strategy. Attempts on coordinating policy developments and stakeholders around the North Sea have been going on. So far the debate about a North Sea Strategy peaked in 2015. A number of conferences, the presentation of the Dutch North Sea 2050 Spatial Agenda, and the UK's House of Lord EU Committee's call for a ministerial conference of North Sea countries spoke for themselves. The North Sea Commission's North Sea region 2020 strategy was revised in 2016. During the Annual Business Meeting in 2018 it was decided to begin the process of developing a North Sea Region post 2020 strategy, to be adopted during the Annual Business Meeting 2020. Please note for the following box section 'where to indicate which relevant macro-regional / sea-basin strategy our programme belong to'; is not applicable for the North Sea Region Programme.

- EU-strategien for Østersøområdet (EUSBSR)
- EU-strategien for Donauområdet (EUSDR)
- EU-strategien for området omkring Adriaterhavet og Det Joniske Hav (EUSAIR)
- EU-strategien for Alperregionen (EUSALP)
- Strategien for området omkring Atlanterhavet (ATLSBS)

11.4 Fremskridt med gennemførelsen af aktioner inden for området social innovation

This item is not applicable for the North Sea Region Programme.

13. INTELLIGENT, BÆREDYGTIG OG INKLUSIV VÆKST

Oplysninger om og vurdering af programmets bidrag til virkeliggørelse af EU-strategien for intelligent, bæredygtig og inklusiv vækst

The programme has identified key challenges and potentials to be addressed in the framework of European Territorial Cooperation (ETC) in the 2014-2020 programming period in its Cooperation Programme. They are broken down by priority and specific objectives. This set-up allows projects to address specific topics that are of relevance for the North Sea region (NSR) in the framework of ETC.

All in all, 60 projects have been selected so far and 83% of the funding has been allocated. There is a total of **28 specific challenges and potentials in the context of ETC** that were identified for the programme. In the following the contribution of the projects to tackle the key challenges in the NSR and to improve its potentials are listed. The overview lists good examples. The document including all examples can be found in the annex. The overview follows the logical sequence of the programme's priorities and specific objectives (e.g. #2.1.2 stands for priority 2 and specific objective 1, challenge/opportunity 2).

NSR CHALLENGES AND OPPORTUNITIES ADDRESSED IN THE FRAMEWORK OF EUROPEAN TERRITORIAL COOPERATION

#1.1.3 There are a number of initiatives aiming to **increase the number of new commercial products and services developed by businesses** in the NSR. Living labs is a well-known method and the InnoQuarter project uses European festivals where innovators within the NSR can work on their product or service and go from idea to market launch very fast. So far 27 eager innovators from around the NSR applied and wanted a spot on a festival. 11 of them plugged in their innovation at festivals in the Netherlands and in Sweden. Every applicant was obligated to make a contribution to at least 1 of the 17 UN Sustainability Development Goals.

The Lean Landing project develops a 'Lean Start-up methodology' and so far, 232 SMEs are participating out of which 113 have already entered new NSR markets. The project's story has been covered by euronews: <https://www.youtube.com/watch?v=GOeyPWqLNOY>

#1.2.2 A number of projects is working on **long-term coordination around, for example, joint training offers, shared R&D infrastructure, etc.** One of the main outputs the GrowIn 4.0 project is the development of a portfolio of training tools to improve the quality of skills and knowledge in NSR SMEs. The collection of developed and tested tools and methods will be available for all organisations involved in business

The CORA project is setting up local workshops and online courses for citizens (i.e. internet, programming, and social media courses), for enterprises (i.e. e-commerce, website development, online sale, and e-advertisement) and for local authorities (i.e. planning, provision as well as promotion of e-services). They are also developing a transnational e-learning platform for rural digital inclusion and innovation.

#1.2.3. There are a number of **initiatives cooperating to identify new innovation potentials outside existing innovation hotspots in the NSR.** Reframe has the ambition to re-connect regional food production with urban demand and to stimulate SMEs to innovate. Currently the project helps food related SMEs to find and develop smart specialization options and to cooperate in related networks.

The CUPIDO project brings players from different NSR sectors based in rural coastal areas together; incl. tourism, IT, cultural and natural heritage, education, and health. The sector crossover provides knowledge to support market introduction of new NSR businesses.

ProwadLINK engages with communities and businesses in the wadden sea areas of the NSR. It works with branding in regional partnership programmes by: co-branding; access to branding tools; enhanced brand visibility - linking nature values with culture/livelihood; developing emotional selling points; developing brand

ownership methods and structures. The partnership also develops a transnational platform to enhance the targeted regional networks.

The CORA project develops a model with a comprehensive set of guiding measures towards digitalization in NSR rural areas. Digital hubs provide in-place advice, technology demonstration and incubator spaces. The partnership also provides related training to enhance digital skills in rural areas, building on e.g. train the trainer and online training. Results aim to improve level of digital inclusion and public digital skills, enhanced local authorities' awareness around new telecommunication technologies and solutions for advanced digital environments in rural areas.

#1.3.1 Share knowledge on how services are delivered and how innovation can improve this through, for example, increased digitalisation

BLING brings together a unique combination of public authorities, knowledge institutions and SMEs to develop and deploy blockchain-enabled public services focusing on identity, direct democracy, and customer services. It provides guides to demystify and de-risk blockchain technologies by explaining the benefit for citizens, SMEs and communities across the NSR.

The SCORE project works around potential public challenges that could be addressed by re-using data that is already available. The NSR related challenges range from giving citizens and businesses better and earlier warnings about floods, to providing people with more information about how to avoid traffic during big events in their area.

#1.3.2 In order to analyse the need for new products and services to address shared challenges such as the ageing population, movement to urban areas, the need for greater efficiency etc. the SCORE project tests solutions for NSR real-time monitoring for groundwater and rainfall to better understand and predict floods, to see how 'busy' a town is by combining real-time data of crowds on squares, train stations, roads, and shared bike infrastructure, and develops a map with all e.g. sensors, cameras and beacons in a city to understand which data is being collected where, who owns and maintains the devices, and how they or their data could potentially be shared.

CUPIDO forwards art, dance, music as well as cultural heritage as a driver in local & regional development policies to develop new business opportunities in the cultural and cultural heritage sector around the NSR, to reinforce the local rural communities with a declining population.

#2.1.1 Pilots to identify resource savings through innovative industrial design and manufacturing processes

The NSR building sector is not creating the necessary production facilities for creating energy neutral houses and so far, the process is too expensive. Which is why the project INDU-ZERO aims to industrialize sustainable housing in an innovative way by focusing on a blueprint for an innovative factory.

The DUAL Ports runs 15 pilots demonstrating green port concepts. In 2018 e.g. innovative LED lighting was installed, with 80% carbon savings; savings of €240,000 were achieved through resource sharing; a pilot recycling demolition waste, fly ash and slag for port construction inspired several similar schemes in the region. The project indicates that pilot investments are beneficial. DUAL Ports has been showcased on Danish TV - <https://www.tv2east.dk/nyheder/03-11-2016/1930/baeredygtigt-havneprojekt-i-vordingborg?autoplay=1#player> - and at international events.

#2.1.2 One of the pilots to experiment with new uses of renewable and locally sourced materials is the BIOCAS project bicycle bridge made of flax and resin. 80% of the materials used is natural and it has not been

used before on such a big scale.

#2.1.3 Increased recycling of non-renewable materials supported by improved lifecycle design

Decom tools covers all relevant steps to find ways of decommissioning and certifying the operational lifetime of off-shore wind turbines across the North Sea Region. Repowering is also an integral component. It pilots the dismantling of a small wind farm and recycling of wind turbines blades to a valuable end-product

#2.1.4 A number of activities are taking place to **raise awareness of greening methods and results**. The SCALE-UP collaborations between SMEs and large enterprises have so far created 12 new sustainable products.

SalFar spearheads saline farming as a new opportunity for coastal farming. So far 15 products and recipes with salt-tolerant crops demonstrate ways to reduce freshwater consumption.

Empower 2.0 addresses energy transition in the NSR and the role of prosumers. 14 living labs for students, policy makers and market stakeholders demonstrate possibilities for citizen prosumership and behaviour change through participation.

#2.2.1 OESA identifies viable opportunities for installing additional renewables infrastructure by realising a transnational Pilot Accelerator Programme. The partners develop new services to support accelerated deployment of ocean energy parks in NSR. Despite the enormous potential of ocean energy, the sector is struggling to efficiently scale up. This is caused by the lack of transnational collaboration within the sector and limited engagement of relevant stakeholder groups.

#2.2.4 Reduce overall energy use by changing behaviour and increasing take-up of energy saving technologies

2IMPRESZ empowers school children at 141 schools in the NSR in reaching 30% energy savings, and reducing CO2 by 7,320 tonnes. The school kids are ‘agents of change’ and involved in all core activities as energy audits and assessments and designing a plan for improvements. Each school nominates ‘Energisers’ and more than 20,000 NSR students participated in 2018 alone.

Empower creates local energy communities in the NSR via existing civil society structures by looking into new organisational solutions and adoption of solutions for energy ownership to increase the uptake of renewable energy by households. See also #2.2.1.

COBEN continues its dialogue with DG Energy, the European Economic and Social Committee and the Committee of the Regions to establish the NSR as a level playing field between centralized corporate energy and local energy initiatives.

#3.1.1 Exchange of knowledge on the latest flood defence construction techniques targeting especially ‘build with nature’ methods

Build with Nature is using natural processes to keep the NSR safe against coastal erosion and flooding. The project demonstrates climate change solutions at 7 coastal target sites aiming at 700 km of coastline plans using BwN methods. The project won the NSR video award 2018: <https://youtu.be/ppefJGRIdNM>

The project Cluster for Cloud to Coast Climate Change Adaptation has just been launched to deliver a from ‘Cloud-to-Coast’ systems approach to the management of flood risk. Results will build on outcomes of seven ongoing Interreg NSR projects.

#3.1.2 Improved environmental and catchment management to improve the flood resilience of NSR landscapes

TopSoil develops a range of advanced scientific tools and methods to map groundwater flows and topsoil layers that will deliver 3 dimensional maps, models and quantified scenarios to improve buffer capacity by 20% on average for the 16 project pilots.

Build with Nature demonstrates climate change solutions at 6 NSR catchment sites in living laboratories. The aim is 550 km of new NSR catchment areas managed using shared BwN techniques.

CANAPE restores NSR wetland areas to reduce their CO₂ emissions and improve their capacity to store water to improve protection from floods and is aiming to develop the markets for products produced from wetland ecosystems. The aims are to capture 1.640 tons of CO₂-eq/year and a reduction in flood risk of 228.600 cubic meters of water per year based on its pilot sites.

#3.1.3 Exchange of knowledge and demonstrations of new urban planning and infrastructure approaches to improve resilience

Begin carries out a transnational city-to-city learning programme, gathering NSR cities in groups with similar needs, supported by specialised scientific partners. Begin supports the implementation of Blue Green Infrastructure and development of business cases to improve resilience.

CATCH redesigns urban water management of midsize NSR cities to become climate resilient. A first version of the joint developed decision support tool and roadmap has been released. Pilots are dealing with urban future planning as for example a creek to catch rainwater from the surrounding areas and to decouple rainwater from the sewage system.

FRAMES focuses on different pilots in five different member states, in the following categories: catchment management, applying multi-layer-safety (MLS) to critical health and social care facilities, vital infrastructure, recovery after severe flooding, MLS in areas without conventional flood protection, contingency exercises and planning.

#3.2.1 Develop and implement long-term strategies for sustainable management of North Sea landscapes and the North Sea itself

Jomopans implements in close co-operation between North Sea countries a strategy for monitoring ambient noise. Sound maps of the North Sea will be the result to display the spatial and temporal distribution of ambient sound. Field measurements at 14 locations were co-ordinated in 2018. The project also provides tools for policy makers to develop programmes to manage underwater noise.

NSW implements a common approach for facing challenges caused by existing ship and aircraft wrecks, lost cargo and munitions to improve the NSR ecosystem. There is a lack of a co-operation and only fragmented action at national level exist.

IMMERSE implements management measures for NSR estuaries, considering existing barriers and governance structures. Transnational exchange labs start in June 2019. 7 tests, pilots and feasibility studies focus on on tidal intrusion, stabilisation of contaminated material, river engineering measures and the creation of intertidal habitat.

#3.2.2 Several projects are developing and testing new methods and technologies for tackling environmental problems. Sullied Sediments develops tools to prevent further watch list (WL) chemicals from entering NSR waterways. It covers nine sites across the NSR and three sediment sampling events took place as

well.

NuReDrain develops new filter materials to trap nitrogen (N) and phosphorus (P) to improve the NSR water quality. Testing suitable filter materials 59 to 92% of P and 30 to 73% of N were removed from drainage water and saturated filter materials are intended to be reused as fertilizers.

GEANS new approach based on the DNA methodology aims to increase time-efficiency by 60% and cost reduction by 40%.

#3.2.3 A number of projects use participatory processes to win stakeholder support for environmental measures including promoting understanding of ecosystem services. One of the examples is WaterCoG where farmers are provided with a little electrode and a smartphone app to measure salt concentration in water. They become more aware of how salty the water really is. The measurement results are collected in a NSR crowd monitoring database and can be viewed by other NSR farmers. Based on the collected data, they can better decide on how to better use and transport water for farming.

Sullied Sediments aims is to change citizen behaviour regarding the use of common watch list chemicals through a c communications campaign and coordinated field sampling programme using volunteers across the NSR. A dipstick developed for this purpose to detect phosphates were piloted with volunteers in December 2018. The media-wide citizen engagement and volunteer campaign are planned for spring 2019.

Partridge has held 102 demonstration site farm walks across the NSR to show-case best practise management measures, exchange knowledge and directly engage with more than 1300 stakeholders from local residents to Environment Ministers. Document sharing continues for a science-based booklet explaining the benefits of the management measures used to a wide NSR audience from citizen to politician by mid-2019.

#4.1.1 Identify viable multimodal routes and goods flows, and the barriers to wider use of these routes Surflogh stimulates a more efficient cargo distribution in urban areas, and thereby maintain efficiency in long distance transport. Focus is on optimizing the interaction between hubs and urban logistics systems in smaller and medium-sized cities and city networks. By establishing city labs a transnational platform is created, bringing various actors together to exchange knowledge, work on new pilot projects.

If we consider switch from cycle to car, bus to train, ride-share to bus, etc. multimodal then SHARE-North's mobile hubs are a perfect example. The project has identified congestion and lack of awareness as barriers to smooth traffic flows within cities, and use of care-sharing, ride-sharing, and bike-sharing as viable ways to transport people and reduce CO2 emissions.

The remaining two examples from this key overview will be available in the annex.

14. FAKTORER, DER PÅVIRKER PROGRAMMETS RESULTAT, SAMT DE FORANSTALTNINGER, DER ER TRUFFET — RESULTATRAMME (ARTIKEL 50, STK. 2, I FORORDNING (EU) NR. 1303/2013)

Hvis vurderingen af fremskridt hen imod virkeliggørelsen af de delmål og målsætninger, der er fastsat i resultatrammen, viser, at visse delmål og målsætninger ikke er opfyldt, skal medlemsstaterne redegøre for baggrunden for den manglende opfyldelse af disse mål i rapporten til forelæggelse i 2019 (for delmål) og i den endelige gennemførelsesrapport (for mål).

The assessment of progress made with regard to the milestones and targets set out in the performance framework; all milestones and targets have been achieved. Please see earlier section of the Performance Framework.

DOKUMENTER

Dokumenttitel	Dokumenttype	Dokumentets dato	Lokalt referencenr.	Kommissionsreference	Kontrolværdi	Filer	Sendt den	Sendt af
Performance Review FINAL	Sammendrag til borgerne	22-05-2019			3065842174	Performance Review Final	28-06-2019	nhanseng
Performance Review Formal Letter	Sammendrag til borgerne	22-05-2019			3381904267	Performance Review Formal Letter	28-06-2019	nhanseng
Citizens' summary FINAL	Sammendrag til borgerne	11-06-2019			1961746263	Citizens' summary FINAL	28-06-2019	nhanseng
North Sea Region Programme Two step approach procedure	Sammendrag til borgerne	11-06-2019			1276505833	NSRP Two step approach procedure FINAL	28-06-2019	nhanseng
North Sea Region Programme: Two-step application procedure: Report on the findings of NSRP working group on 2 stage application	Sammendrag til borgerne	11-06-2019			3598649170	North Sea Region Programme: Two-step application procedure: Report on the findings of NSRP working group on 2 stage application	28-06-2019	nhanseng
Annex to the Annual Report FINAL 28 06 2019	Sammendrag til borgerne	28-06-2019			3489230912	Annex to the Annual Report FINAL 28 06 2019	28-06-2019	nhanseng

Kontrolsum for alle de strukturerede data: 218498363

Alvorlighed	Kode	Meddelelse
Advarsel	2.53.1	I tabel 2 er den årlige samlede værdi, der er angivet, 7.783,33 % af den samlede målværdi for "F", prioritetsaksen: 3, prioriterede investeringer: 6d, indikator: CO41, år: 2018. Kontroller venligst.
Advarsel	2.53.1	I tabel 2 er den årlige samlede værdi, der er angivet, 728,57 % af den samlede målværdi for "F", prioritetsaksen: 2, prioriterede investeringer: 6g, indikator: CO41, år: 2017. Kontroller venligst.
Advarsel	2.53.1	I tabel 2 er den årlige samlede værdi, der er angivet, 836,84 % af den samlede målværdi for "F", prioritetsaksen: 1, prioriterede investeringer: 1b, indikator: CO42, år: 2018. Kontroller venligst.
Advarsel	2.53.1	I tabel 2 er den årlige samlede værdi, der er angivet, 9.275,39 % af den samlede målværdi for "F", prioritetsaksen: 1, prioriterede investeringer: 1b, indikator: 0.2, år: 2018. Kontroller venligst.