FAIR: Flood infrastructure Asset management & Investment in Renovation, adaptation, optimization and maintenance Work Packages 3 and 5: Science supporting practice: Practice supporting science



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A whole system, whole life approach to asset management

FAIR

Framework

Linking asset

strategy and operations through

'handshake'

Strategic perspective: takes a long term, system level, view. Long term plans are made and major investments made that balance cost, risk and performance. Such plans are based in an understanding of the threats and opportunities, objectives and functional requirements and measures necessary to achieve these.

Operational perspective: asses the performance of existing assets, monitors and maintains that performance in accordance with desired performance levels, designs and constructs individual projects (that form part of the strategy) and undertake asset improvement measures.

Tactical handshake: ensures the connection between the two others is guaranteed and plays a pivotal role in the translation of asset performance to system/network performance, and the translation of an adaptive plan on system level to concrete measures for assets.



External Factors