EDgE, a Sectoral Information System for the water sector

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The project EDgE (End-to-end Demonstrator for improved decision making in the water sector in Europe) is funded under the Copernicus Climate Change Service (C3S) to deliver Demonstrator Sectoral Information System (SIS) for the Water Sector. EDgE's vision is to work with key European stakeholders representative of private and public sectors 1) to understand the needs in seasonal forecasting and long-term projections for future water management and planning, 2) to understand current barriers in the use of such information for decision-making, and 3) to design an interface that could be used by users of different technical and scientific knowledge. The system relies on state-of-the-art multi-model modelling chain that enables robust assessment of the uncertainty and skills in the derived indicators. Case studies representative of typical water-related decisions in three contrasting hydro-climatic regions will assess the value of the information and the effectiveness of the system.