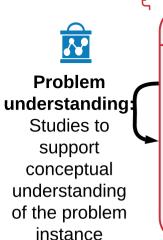
Generic Visual Abstract



Technological rule: To achieve effect/change in situation/context apply solution/intervention



Problem Instance

Concrete case of the problem described in the Technological Rule in terms of real data and/or stakeholders' needs



Validation

Studies to validate the effect of the solution on the problem instance

Solution

Concrete implementation of the solution described in the Technological Rule



Solution design approach:

Studies or theoretical foundation supporting core design choices



Relevance: Characteristics of the context that are likely to impact applicability and potential value of the proposed solution



Rigor: Characteristics of the three knowledge creating activities (problem understanding, solution design and in context evaluation) that adds to the strength of the empirical support of the Technological Rule



Novelty: Positioning of the Technological Rule in terms of previous knowledge