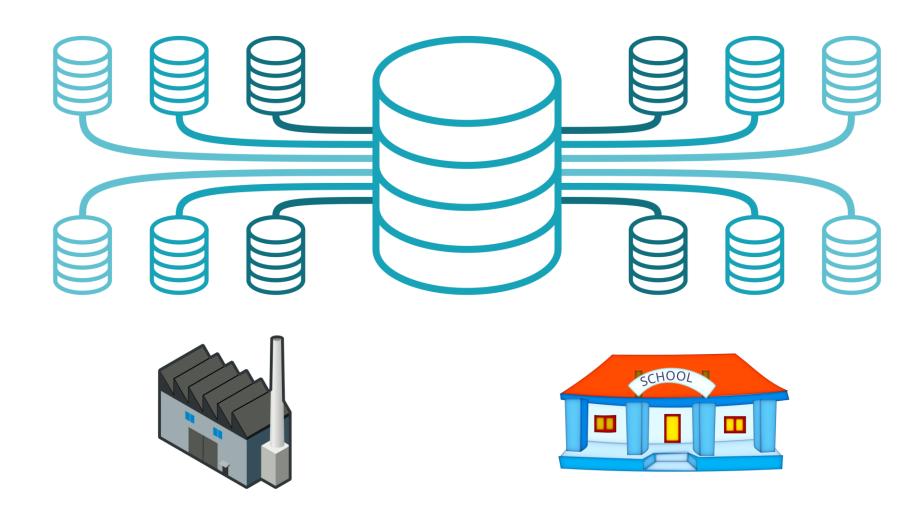
Giovanni Misitano, MSc University of Jyväskylä



Data!



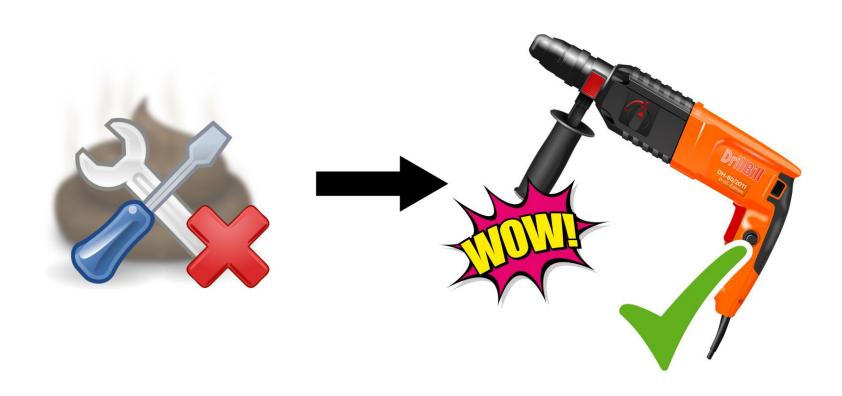
Conflicting objectives with various tradeoffs



Decision makers have vast domain expertise



We need better decision-support tools!

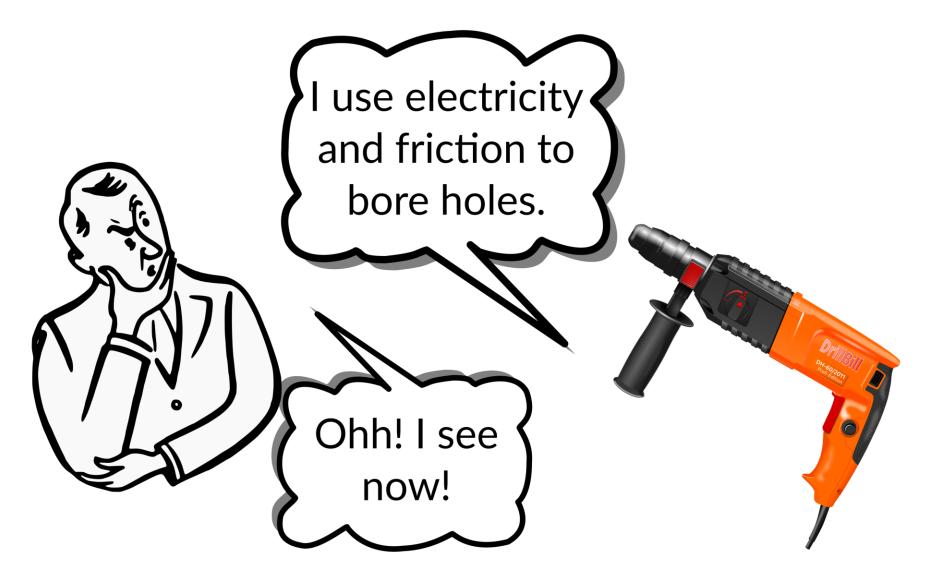


But how do the tools work?

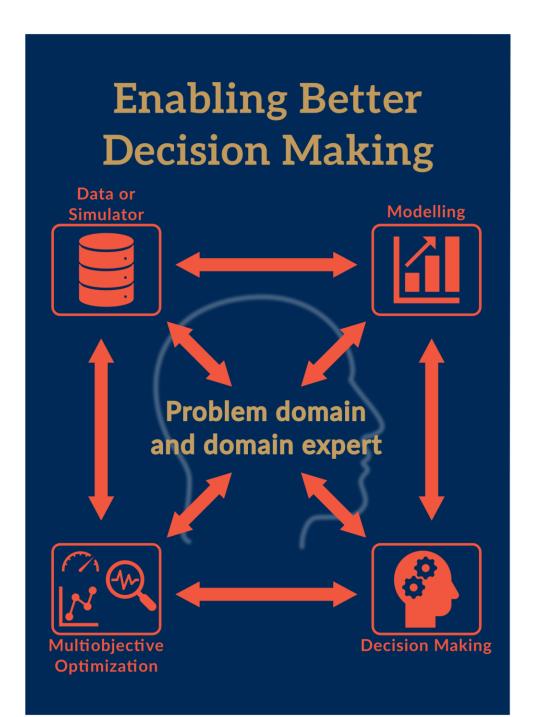


Explainability!

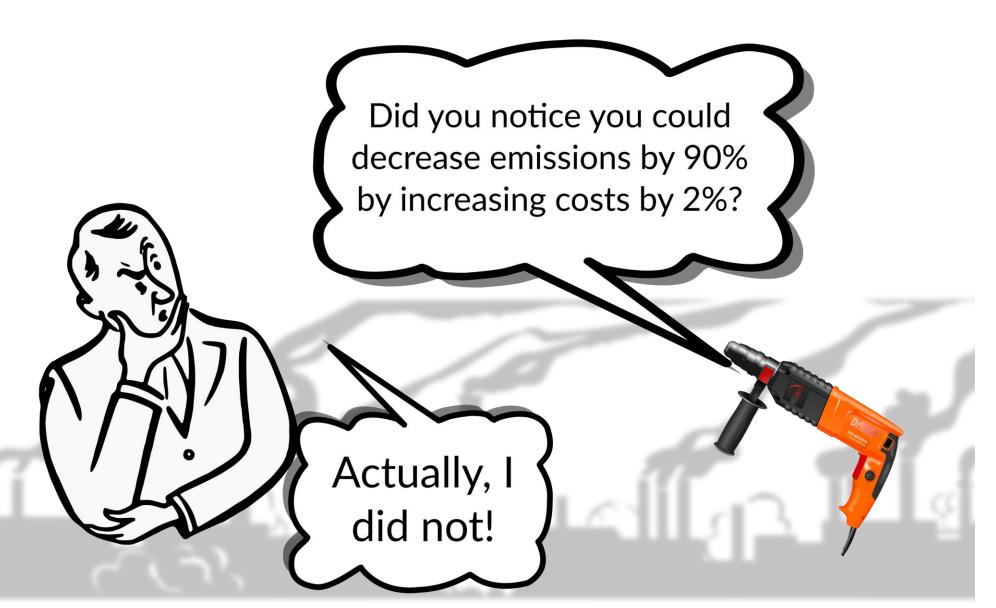
Explainability!



Explainable multiobjective optimization



Better insights!



The beneficiaries of explainability



Domain experts

Stakeholders

Policy-makers

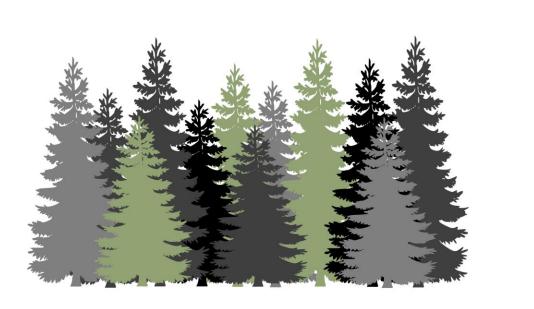
General public

Multiobjective Optimization (research) Group





We have applied our tools in the past to support real decision makers!





Mission: develop explainable multiobjective optimization to be mature enough to be applied!



Next-generation of explainable and human comprehensible decision-support tools

Thank you!