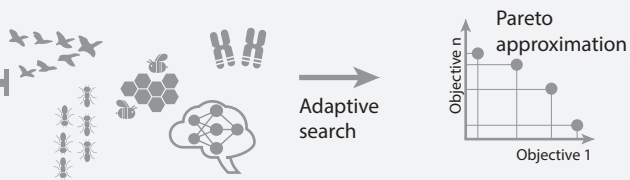


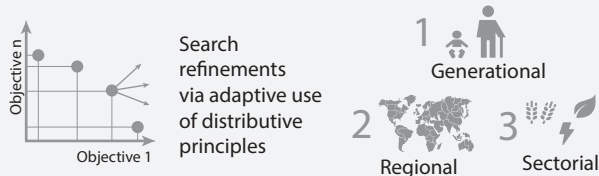
IN AI

Hyper-heuristic optimization for fair public policy

Bio-inspired multi-objective optimization



Indicator-based search for distributive justice



Interpretability of climate change policy decisions

AI system

Data Actors



Output

Why?



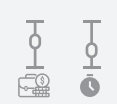
Explainability strategies

Output

Inputs



Decisions



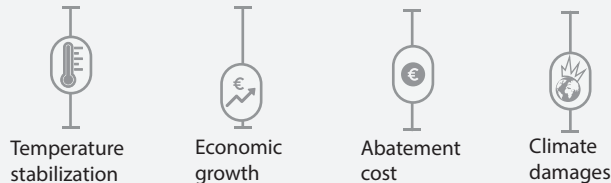
Goals



WITH AI

AI-based decision support for climate policy

Efficient tradeoffs across global climate mitigation goals



Analysis of distributive justice of climate policy

- 1 Sequencing of infrastructure investments
- 2 Transboundary management
- 3 Water, food and energy sectors



AI-supported policy deliberation and negotiation

Public policy lifecycle



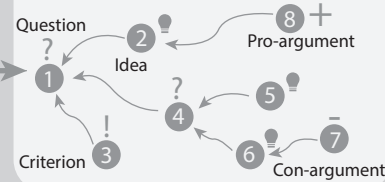
Stakeholder deliberations



AI (NLP) Supported discourse analysis

- Argument mining
- Novelty detection
- Perspective clustering
- Deliberation quality analysis

A living deliberation map



WITH AI

AI-based decision support for climate policy

Efficient tradeoffs across global climate mitigation goals



Temperature stabilization



Economic growth



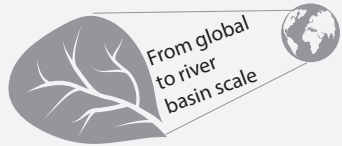
Abatement cost



Climate damages

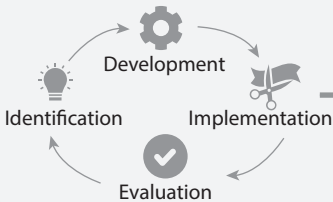
Analysis of distributive justice of climate policy

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