

-GROWTH paths-AT

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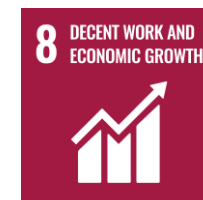
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Why do we need to consider growth-independence (GI) for climate action?

1. **Limits to growth** → need to downscale harmful economic activity may lead to less aggregate economic output
2. **Secular stagnation** → low/zero real growth rates observed in high-income countries – the new normal?

→ How can we achieve climate goals and reduce social inequalities under such assumptions?

→ What will this look like?

→ How can we model this?

Methods:

- Literature Review
- Stakeholder knowledge integration
- Scenario development
- Macroeconomic modelling



Characteristics of GI and model requirements

- Initial plan → systematic review [focus: policies & modelling]
- More realistic plan → review of reviews
 - Since the proposal: 13 (!) new reviews on this topic (total 23)
- Query & Reading ; Analysis → currently ongoing
- GI approaches / “schools” reviewed:
 - Post-Growth, Degrowth, Agrowth, Ecosocial, Growth-Dependence



Review of Reviews & Policy Mapping

First insights (subject to change)

- GI proposals **add** policies in addition to “mainstream” policy
→ aim at **deeper structural change & social objectives**
- Policy proposals lack **concreteness** (“policy dropping”) & **interaction** effects (→ modelling)
- Clear recommendations on modelling, but difficult to implement
- Next step: **policy mapping/evaluation** (177 policies)
 - How are policies affected by economic growth? (e.g. acceptability)
 - How do policies affect economic growth?
 - Different classifications (ASI, schools of thought, aim, ...)



Progress of the project

- Scoping (Review of Reviews; Policy Mapping) → soon finished
- First Stakeholder Workshop → 5.5. (35 registrations)
 - Afterwards: Scenario development starts
- Modelling
 - Modelers have already started to prepare for the requirements
 - Simulations will start in autumn
- Overall: good progress and not much delay from the original schedule



Links and synergies with other ACRP projects

- Close collaboration with **INFRA-SECURE** and **CROSS-SEC**
 - Potential alignment of baseline scenario parameters
 - We will share scenario parameters → IIASA scenario data base
- Projects complement each other well:
 - INFRA-SECURE → infrastructure
 - CROSS-SEC → climate neutrality
 - AGrowthPaths-AT → social focus

WEGDYN-AT model (Uni Graz)
connects all projects
- Team members across all three projects are part of a systematic review on climate neutrality (Lead: CROSS-SEC)

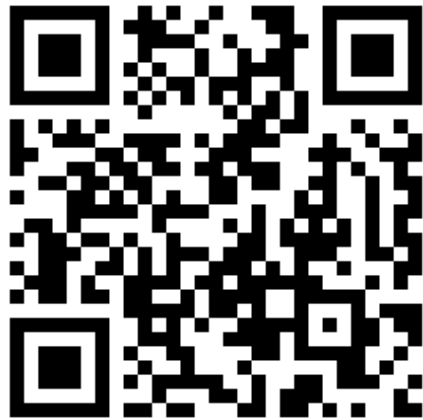


Thanks!

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