

Proposed Way Forward

- Overall – 1 transformative SD narrative; explore multiple Pathways/variations in assumptions
- From Limits-to-growth → Growth-within-Limits; synergies and trade-offs
- We are about implementing a vision that the world has agreed on
- TWI a [complex] research initiative; "World-MIP"; co-development; impacts

- Time line (fast track 2 years → 1st global run; 1 year → downscaling; 3 years long-term)
- Line of action: (1) build narrative, (2) global modelling (3) downscaling, (4) bridging/impact
- Back-casting against narrative
- Build on existing modelling and assessments (e.g., IPCC SSPs, SD42DS)
- Unpack GDP/Demographics/technology assumptions

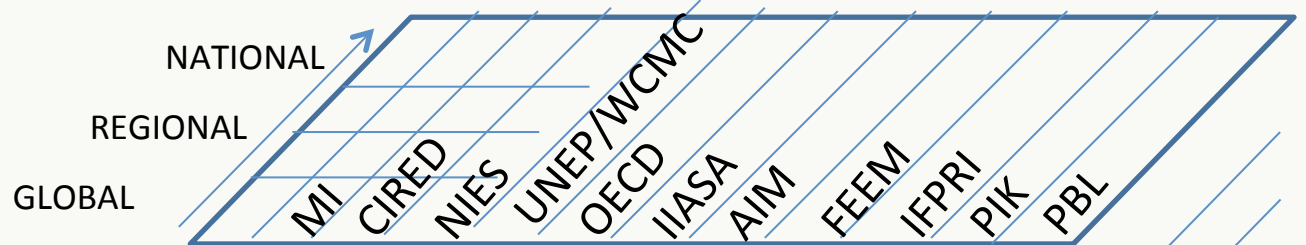
PROCESS & NEXT STEPS

- Core team to immediately lead advancement of full proposal (IIASA, SDSN, SRC, Earth Institute)
- Initial in-kind contribution
- Invite modelling consortium
- Invite reference and advisory group
- Open consultations
- Target group – decision makers at large
- Are we missing part of community?
- Funding
- Next meeting – core modelling team/narrative writing/scanning Techn/Policy/Human/Earth/\$

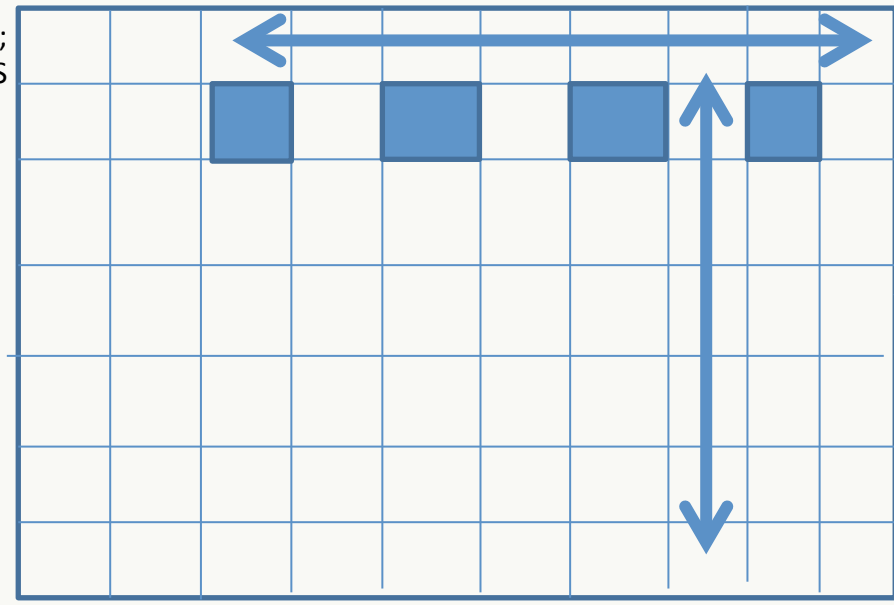
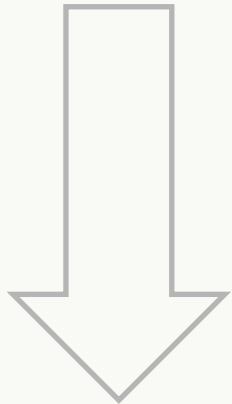
INTEGRATED SCENARIOS OF MEETING SDGs WITHIN PLANETARY BOUNDARIES – VERSUS BAU

HUMAN DEVELOPMENT/ECONOMIC DEVELOPMENT/EARTH RESILIENCE

Normative framing of desired future: SDGs within PBs



TECHNOLOGY/SOLUTIONS; POLICY REFORM;
EQUITY; HUMAN DYNAMICS; EARTH DYNAMICS



- ENERGY TRANSITION
- FOOD SECURITY
- URBAN RESILIENCE
- HEALTH, EDUCATION
- ECOSYSTEM SERVICES
- WATER, OCEANS
- GOVERNANCE, JOBS, EQUITY
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