

TAKING
COOPERATION
FORWARD



FUTURE CHALLENGES OF INTEGRATED LAND MANAGEMENT

Brdo pri Kranju, Slovenia, 25 September 2018



Integrated environmental management of land resources - story about LUMAT



LUMAT | IETU Institute for Ecology of Industrial Areas, Poland | Anna Starzewska-Sikorska

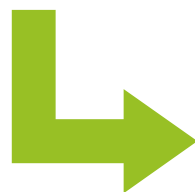
GENERAL IDEA OF LUMAT

LAND



Environmental management in relation to land as a resource

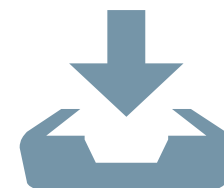
Land management reflecting all development goals in urban area



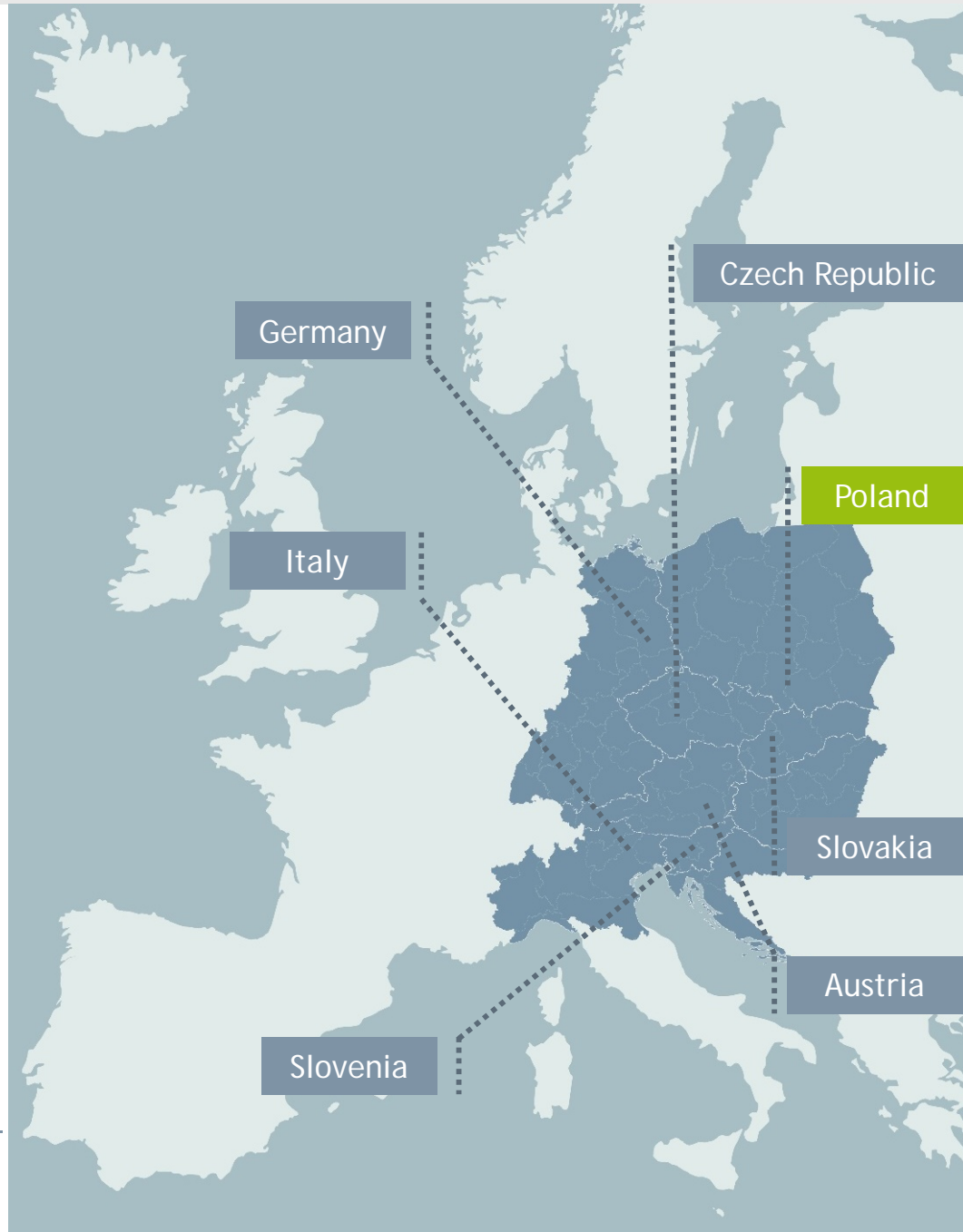
Environmental land management methods & tools



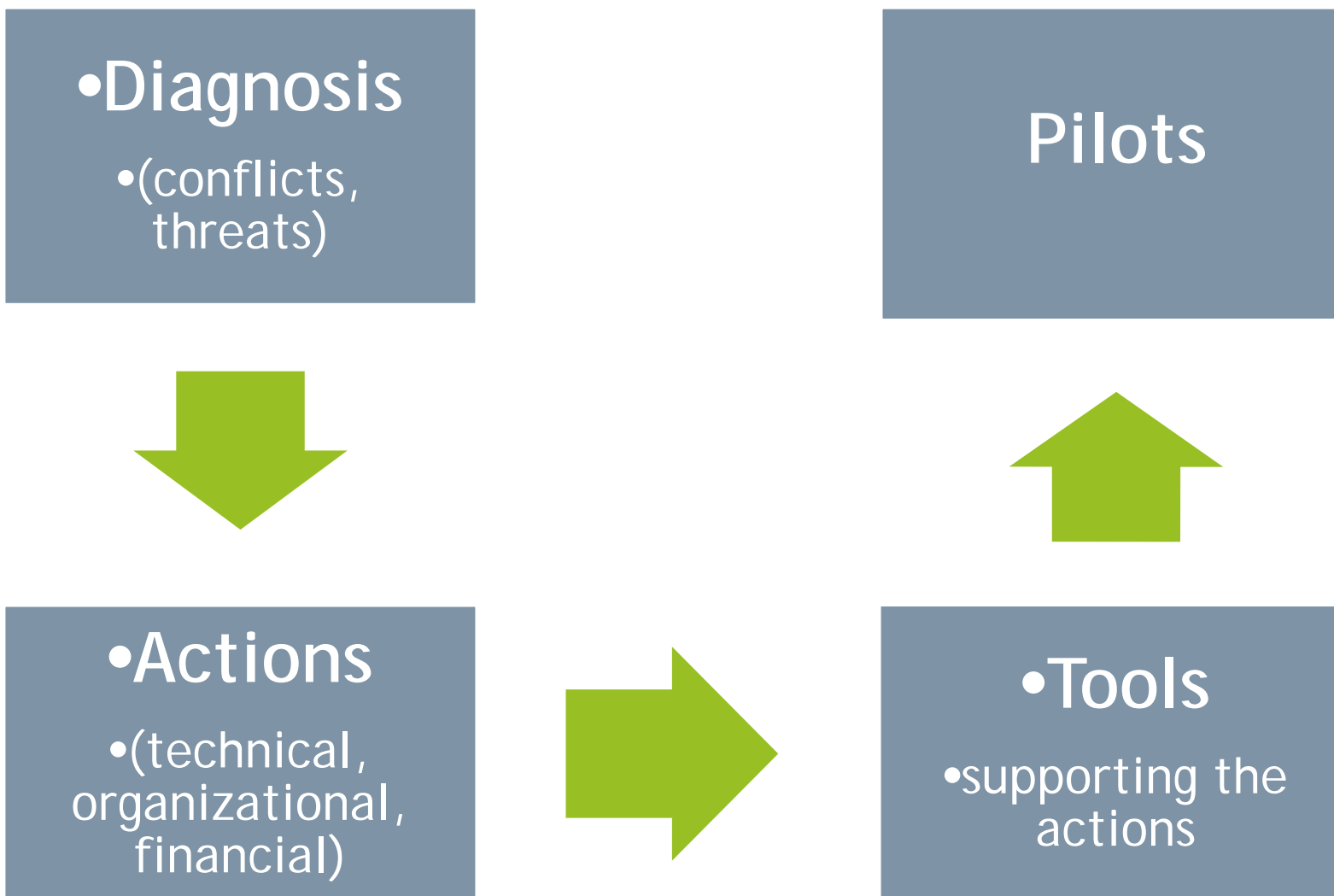
- **Ecosystem services assessment** for supporting decisions in integrated land use management
- **Integrated site compensation** in relation to brownfields and degraded areas
- **Industrial symbiosis** with environmental criteria in business co-operation



COUNTRIES IN LUMAT



ACTION PLANS STRUCTURE



TECHNICAL ACTIONS

- Program of re-using post-mining sites (Austria),
- Program of brownfields revitalization (Czech Republic),
- Program of integrated site compensation (Germany),
- FUAs' environmental and territorial issues management model as contribution to metropolitan strategic planning and metropolitan general spatial planning (Italy),
- Concept of green and blue infrastructure strengthening and development (Poland),
- Integrated, sustainable management concept of functional city area in the process of spatial planning with an emphasis on integrated management of environmental protection and integrated land use (Slovakia),
- Program of business development on degraded areas as inner city development (Slovenia).



ORGANIZATIONAL ACTIONS

- Public involvement (action plans presentation at public meetings, trainings of professionals, social media, mobile phones applications),
- Management structures (permanent structures for action plans implementation including gaining funds).



Source: SITI



PILOT ACTIONS

- „Garden show” (Austria),
- „Priority map” (Czech Republic),
- „Pilot program of site compensation” (Germany),
- „Intermunicipal management model with implementation of SDSS” (Italy),
- Investment of brownfield regeneration in city centre (Poland),
- Investment of „green brownfield” regeneration (Slovakia),
- Industrial symbiosis model application (Slovenia).





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