Collaborative Approaches for Bringing Together Land Development and Land Administration

Actual case: Highway extension between Luterbach and Härkingen

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Why do we need collaborative approaches?

→ Spatial conflicts through multiple land-use demands with complex interactions triggered by several large scale infrastructure projects



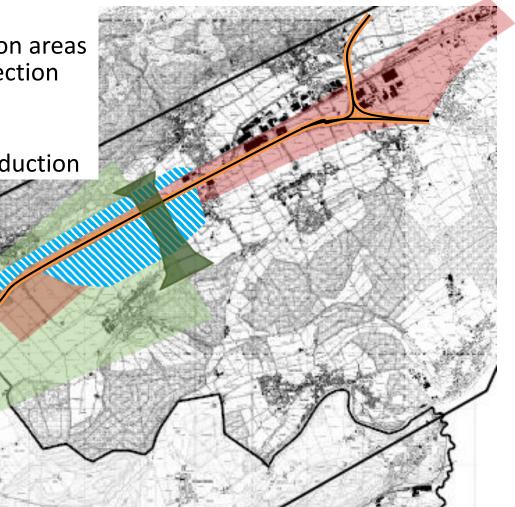
Context



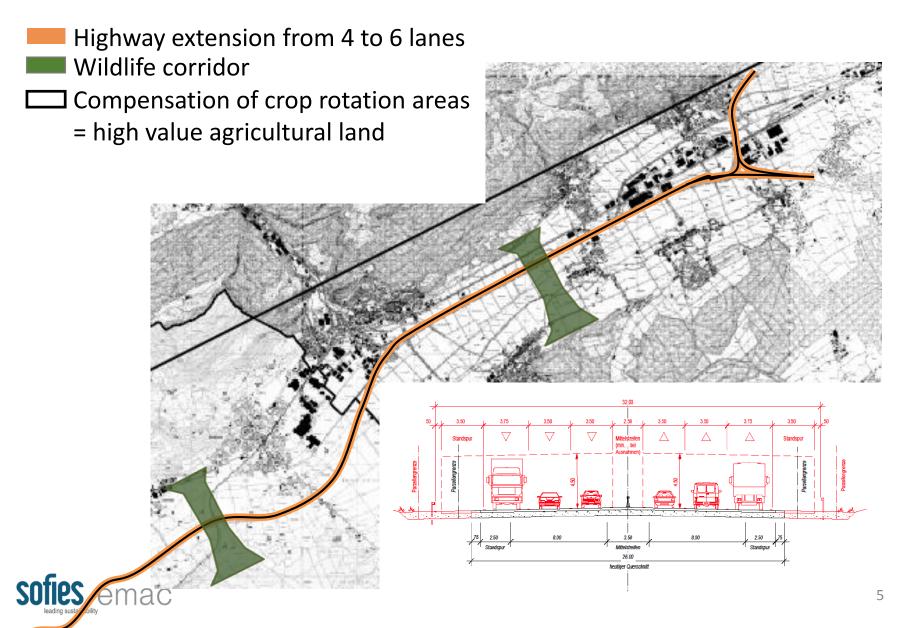
- Swiss Plateau (Mittelland)
- Industrial zones, logistic centers
- European highway transit routes
- Development of settlement areas is restricted
- High intensive agricultural production



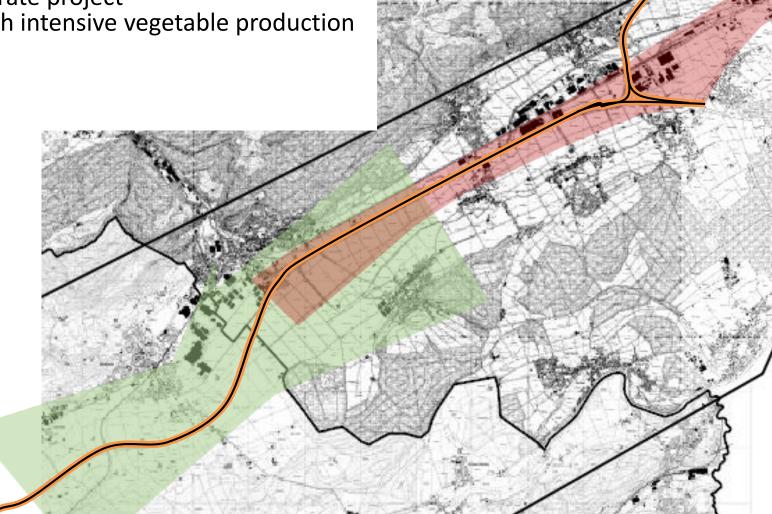
- Highway extension
- Wildlife corridor
- Compensation of crop rotation areas
- River restoration, flood protection
 - and retention
 - Nitrate project
 - High intensive vegetable production







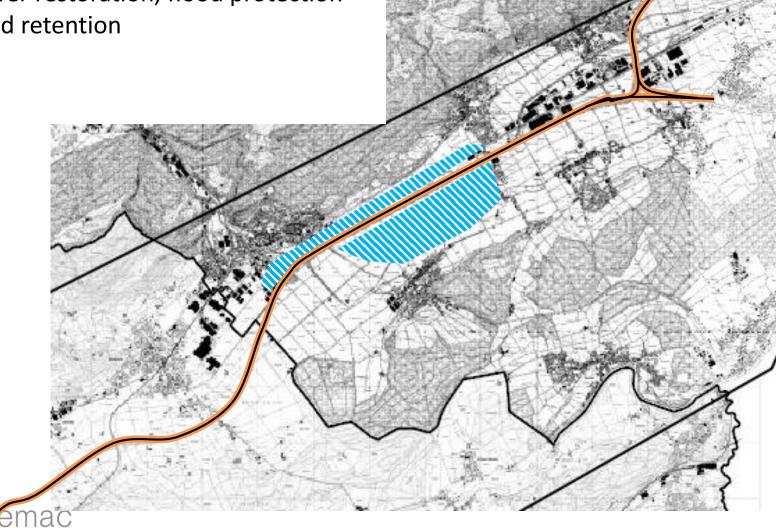
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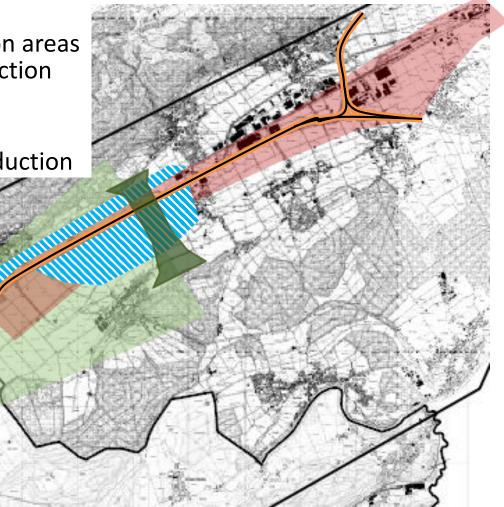


Highway extension
River restoration, flood protection and retention

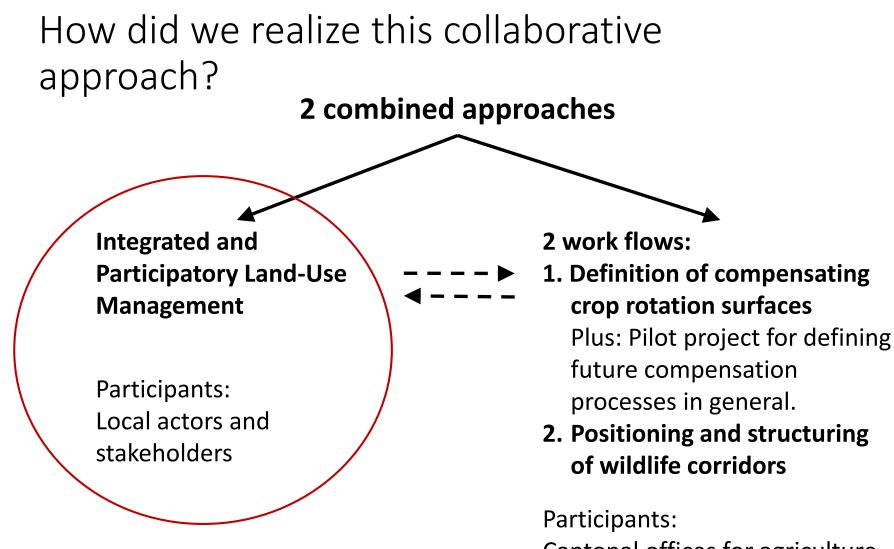
Solies



- Highway extension
- Wildlife corridor
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 - and retention
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Cantonal offices for agriculture, spatial planning, environment and nature protection



The Tool: Guideline for Integrated Participatory Land-Use Management



and conflict resolution process



Integrated and Participatory Land-Use Management (IPLM)



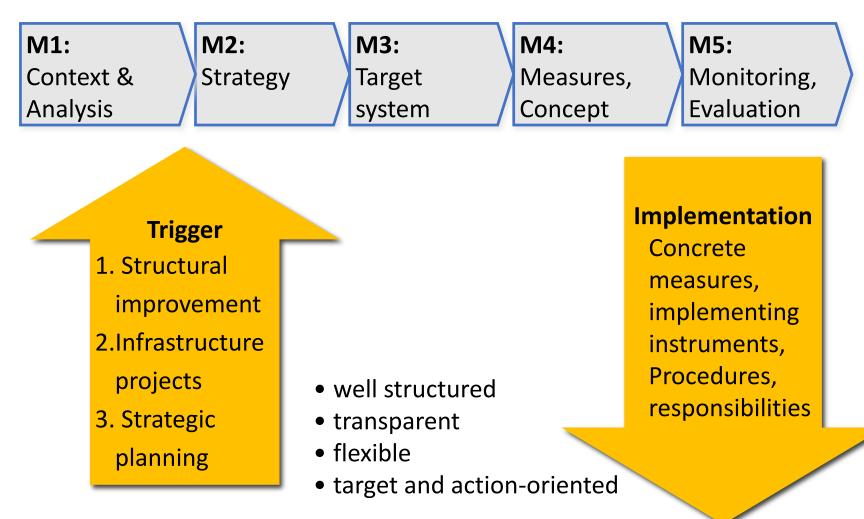


Participatory planning is a core element!



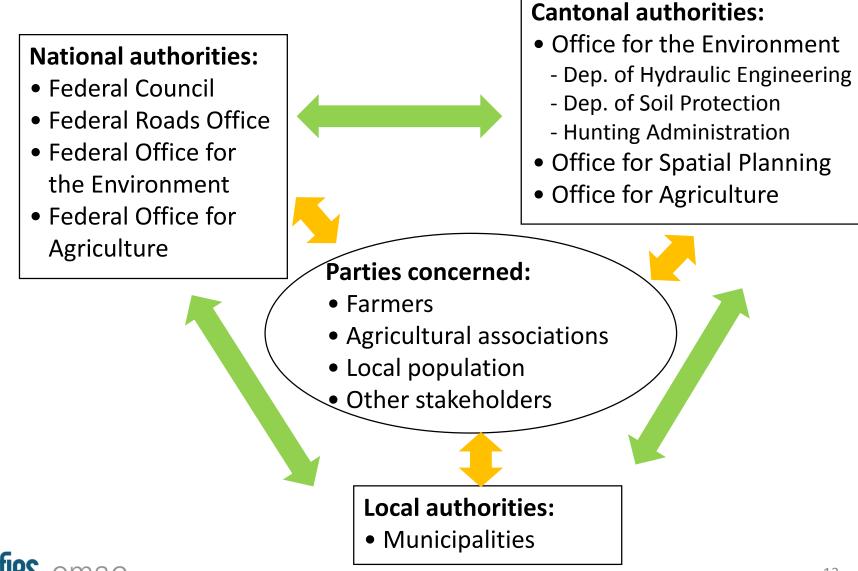


Integrated and Participatory Land-Use Management (IPLM)

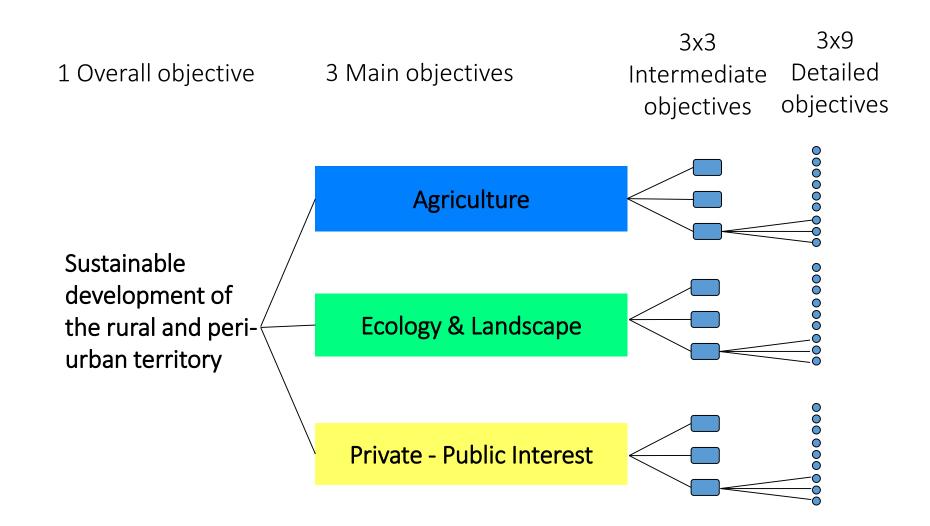




Module 1: Context and Stakeholder Analysis



Module 3: Target System and Target Weighting





What can be understood as the results of an IPLM?



... a participatory planning and decision making process

... includes all the relevant actors and stakeholders



... a <u>navigation tool</u> for future orientation and development ... to better position and develop rural and also peri-urban areas

... a tool to stimulate innovation

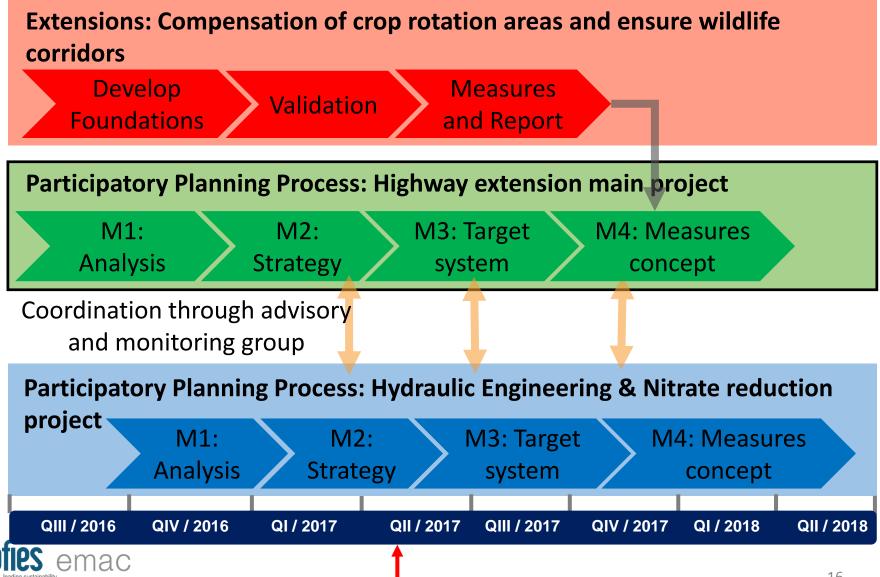


... a <u>toolkit</u> for preparing and implementing concrete measures ... to recognize and mobilize present potential for future development

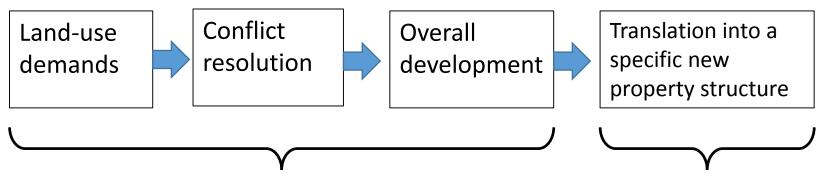
... to ensure that concrete projects are realized with the best suitable instruments



3 Ongoing and interacting work streams



Process from land-use demand to land administration



Collaborative approach to develop land through taking into account:

- Infrastructure project
- River training
- Groundwater protection
- Agriculture
- Ecological network
- Landscape protection

Land administration

- Integrated Land Consolidation
- Regional Development Projects
- Agricultural Adjustment Programs



Thank you for your attention!



