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Concrete Measures for the Roll out of iBRoad

Roadmap to iBRoad

Peter Mellwig ifeu

iBRoad webinar

23 April 2020

Renovation Roadmap

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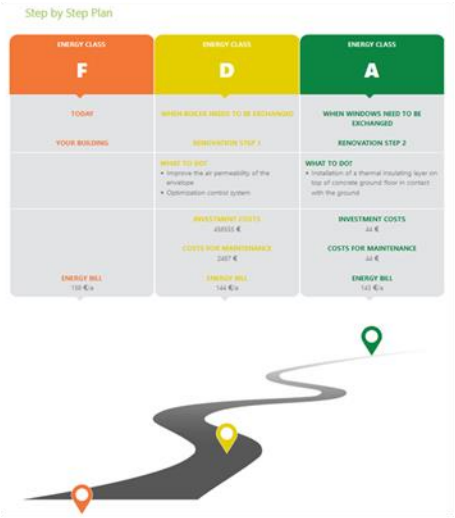

iBRoad Logbook

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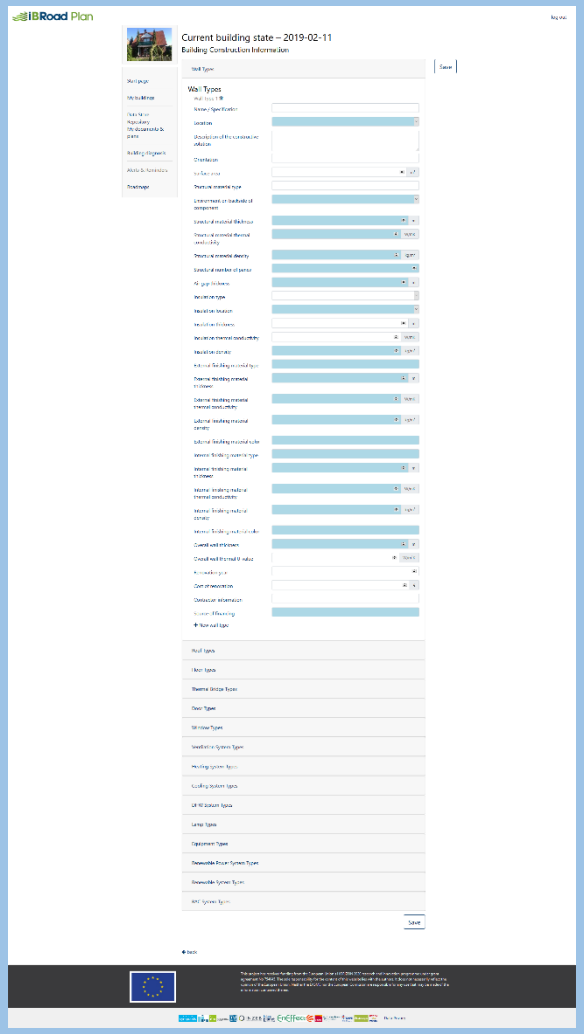
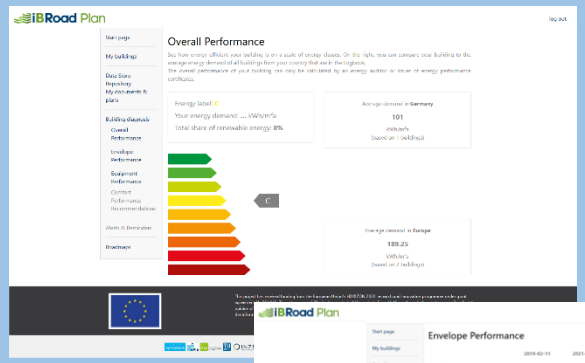
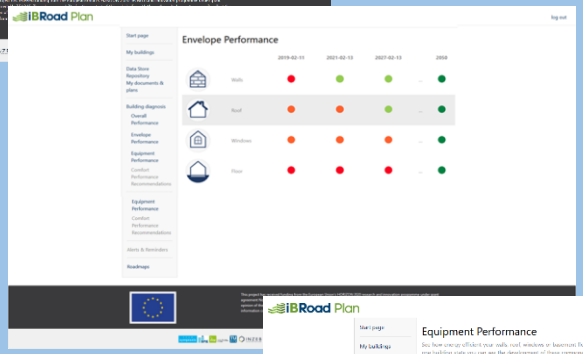
Data storage

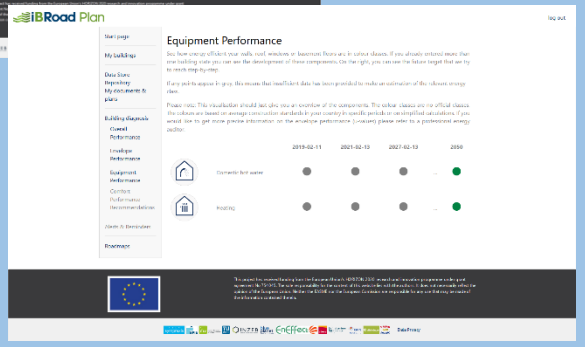


Building performance



Envelop performance





Equipment performance

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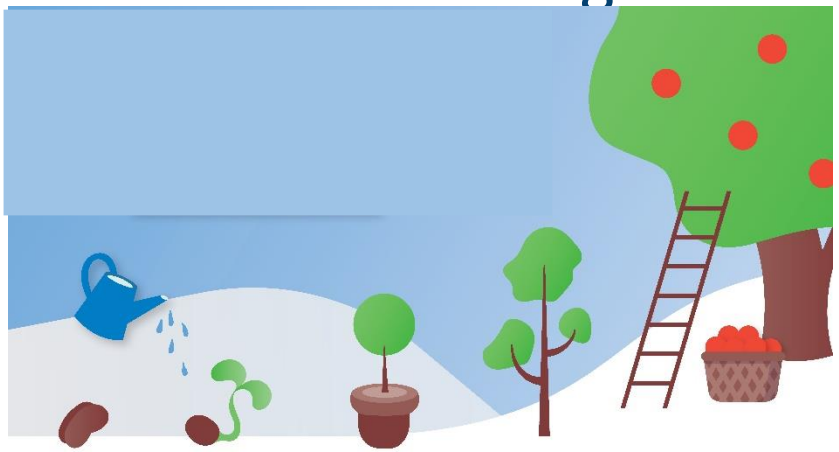
Feasibility of the iBRoad concept in the EU

1. Concept initiation
2. Preliminary analysis
3. End-user need[illegible]der engagement
4. Comparison & inte[illegible]on with relevant existing tools
5. Financial aspects
6. Impact assessment



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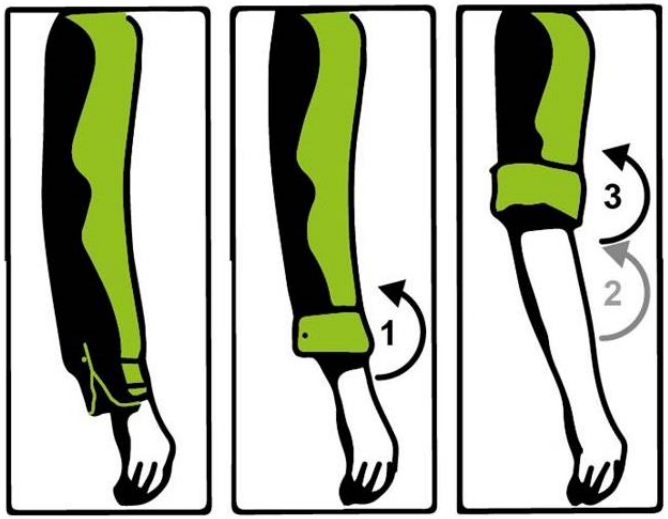
After Feasibility Check:
Concrete Measures for the Roll out of iBRoad

1. Set an action plan
2. Consultation with stakeholders
3. Tool implementation
4. Policy framework implementation
5. Roll out
6. Monitoring, quality check and evaluation
7. Further Development



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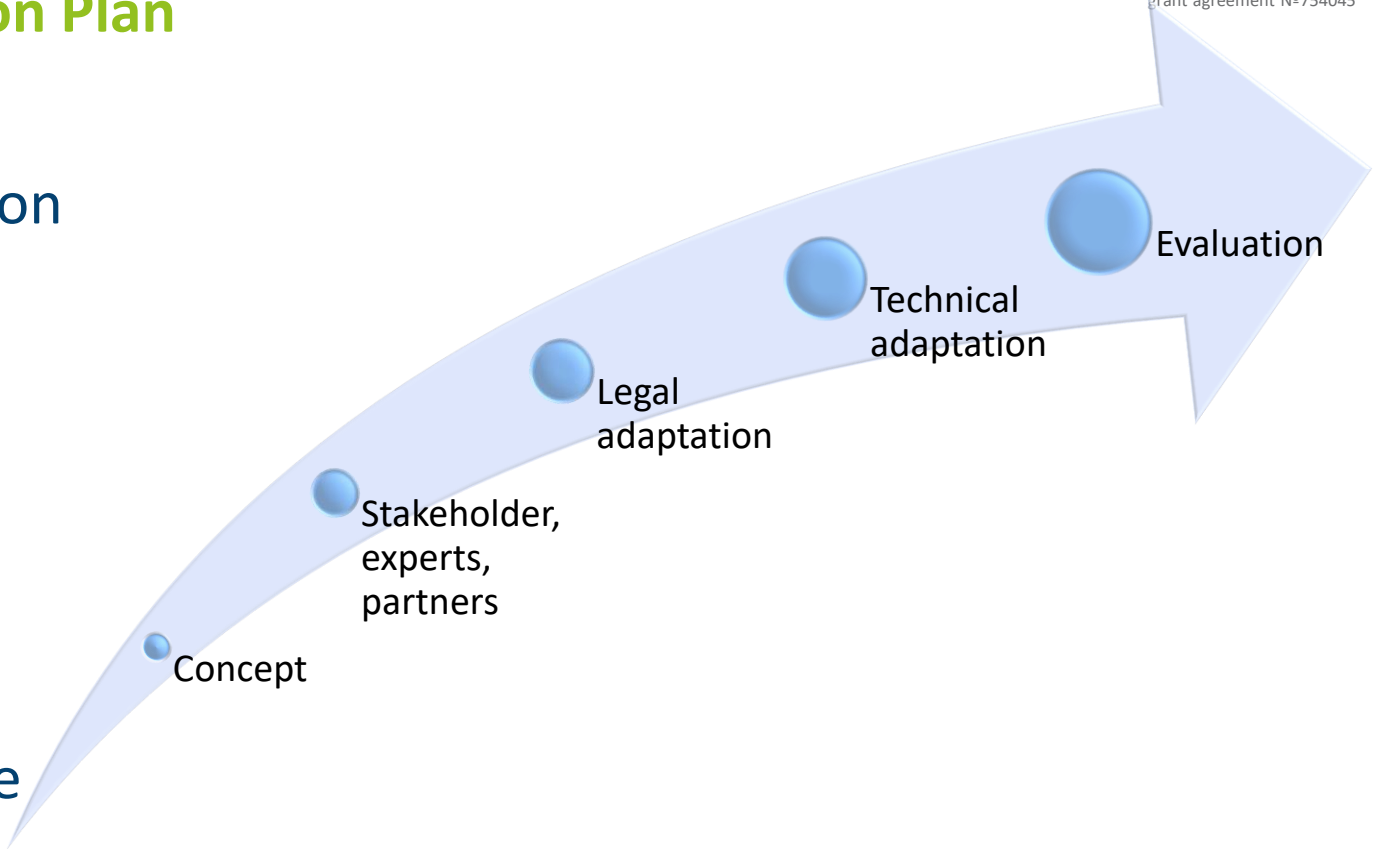
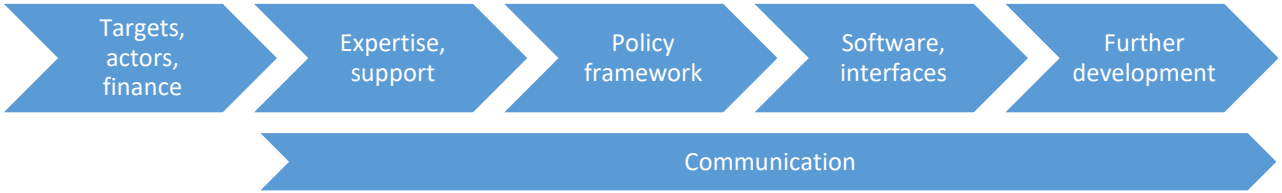
1. Set an Action Plan

- Needs for action
- Targets
- Priorities
- How
- When
- by whom
- how to finance





2. Consultation with stakeholders

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- specialist dialogues
- Focus group interviews
- Workshops

- auditor associations,
- housing associations
- energy agencies
- government departments
- funding agencies
- auditor registration authority
- construction industry
- building equipment industry

Adjustment of process

Adaptation of products

Support

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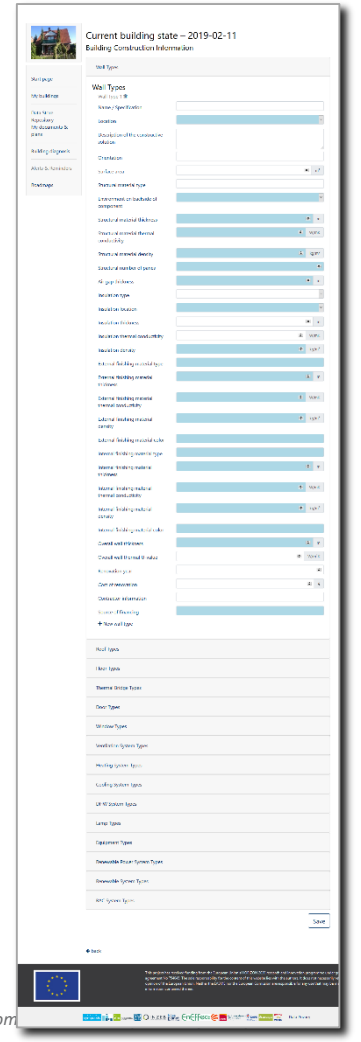
3. Tool implementation

- hosting domain, data management, storage location
- Translation of the iBRoad tools into national language
- Adaptation to national labels for buildings, building components, building technology
- Adaptation to national building codes and typologies
- Adaptation of logbook data sets to national calculation standards, existing data bases and evaluation requirements
- Adaptation of the national calculation software to the iBRoad interface
- Field test with the adapted versions of the tools



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4. Policy framework implementation - prerequisites

- Software tool to calculate the building energy demand (today and after the renovation steps), ideally including renovation costs
- Trusted and trained energy auditors / renovation experts
- Authorities (e. g. energy agencies) to administer a roadmap programme including auditor training
- Ideally: an already existing programme for building energy audits/consultancies
  - If not: use roadmap to kick off such a programme

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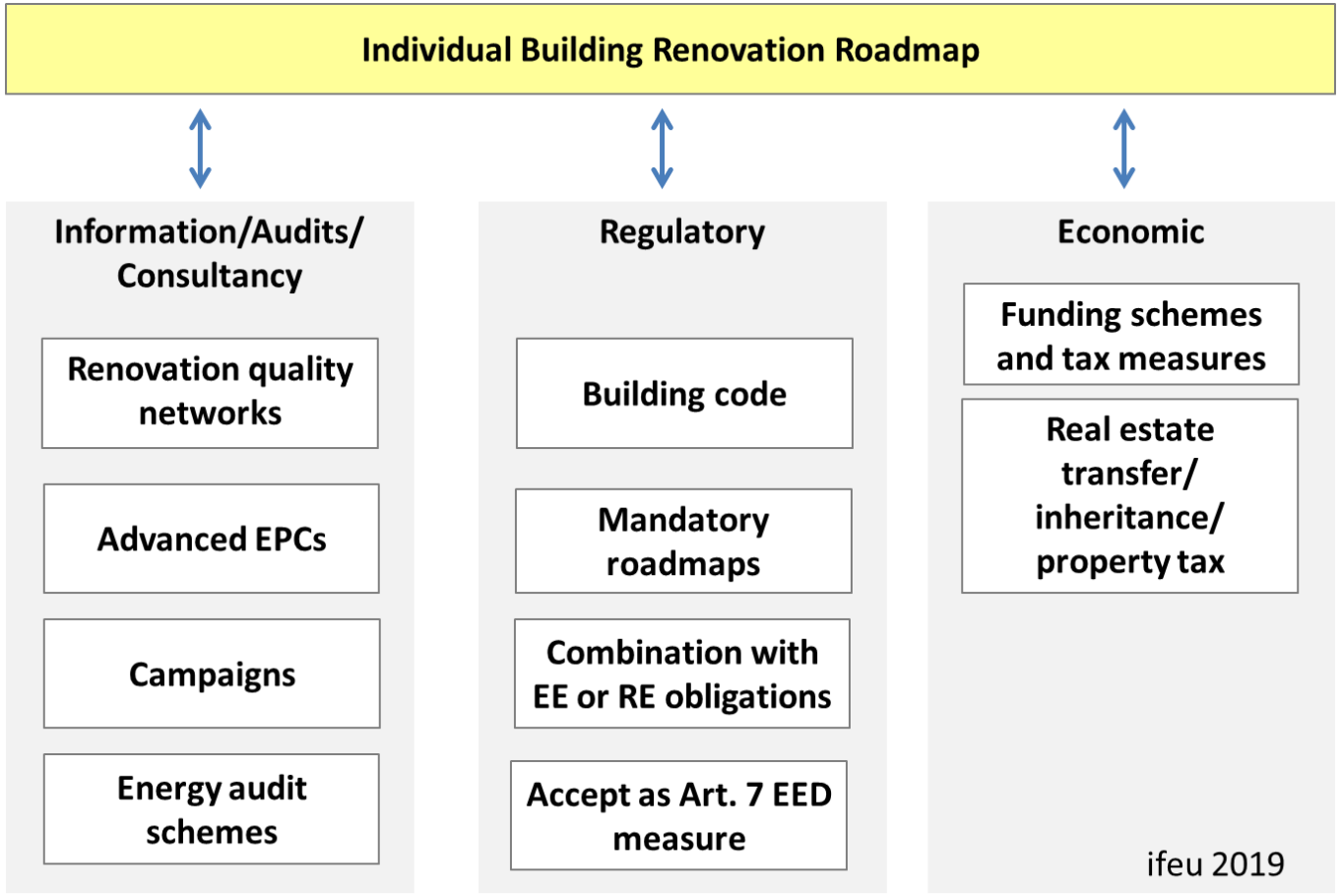
4. Policy framework implementation



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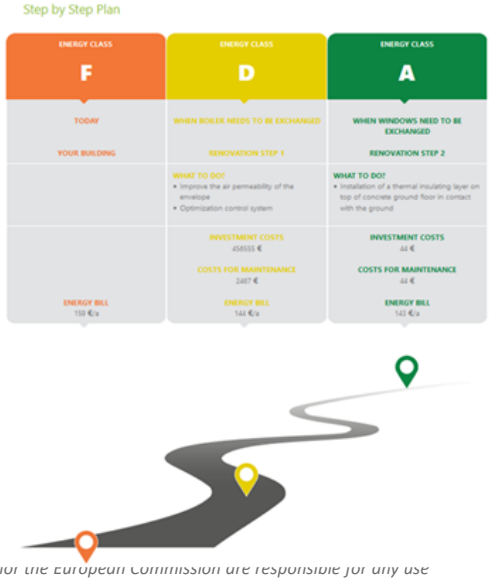
5. Roll out

- Bring policy framework into force
- Campaigning, marketing, trusted communication channels
- Deployment of software, training material, handbook
- Auditor training via face-to-face seminar, webinar, video tutorial
- Software support



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6. Monitoring, quality check and evaluation

Objectives

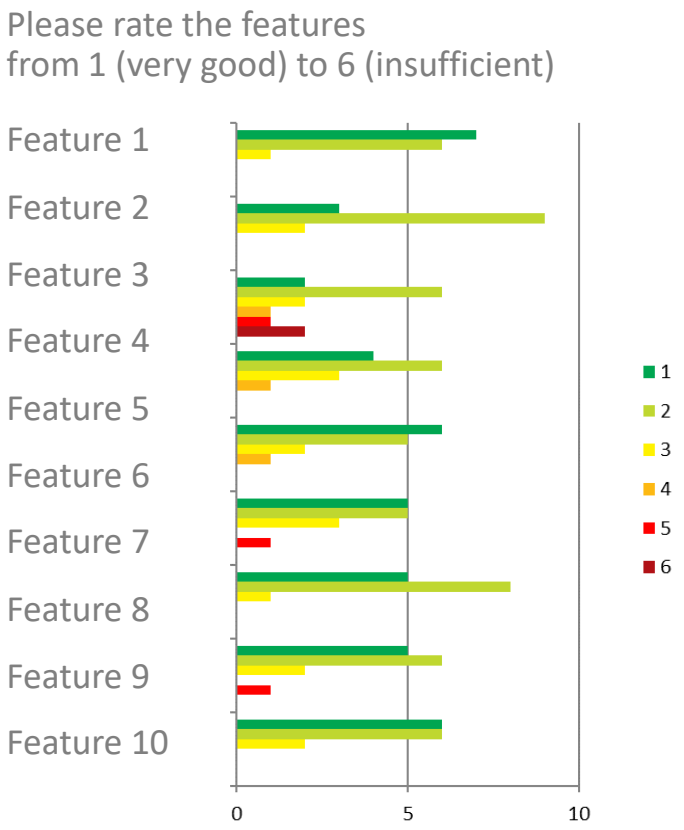
- experiences with the instrument
- check effectiveness
- identify potential for improvements

Implementation

- Survey among auditors
- Survey among beneficiaries
- Survey among control group

Results

- Number of audits
- Programme cost
- CO_2 savings per euro



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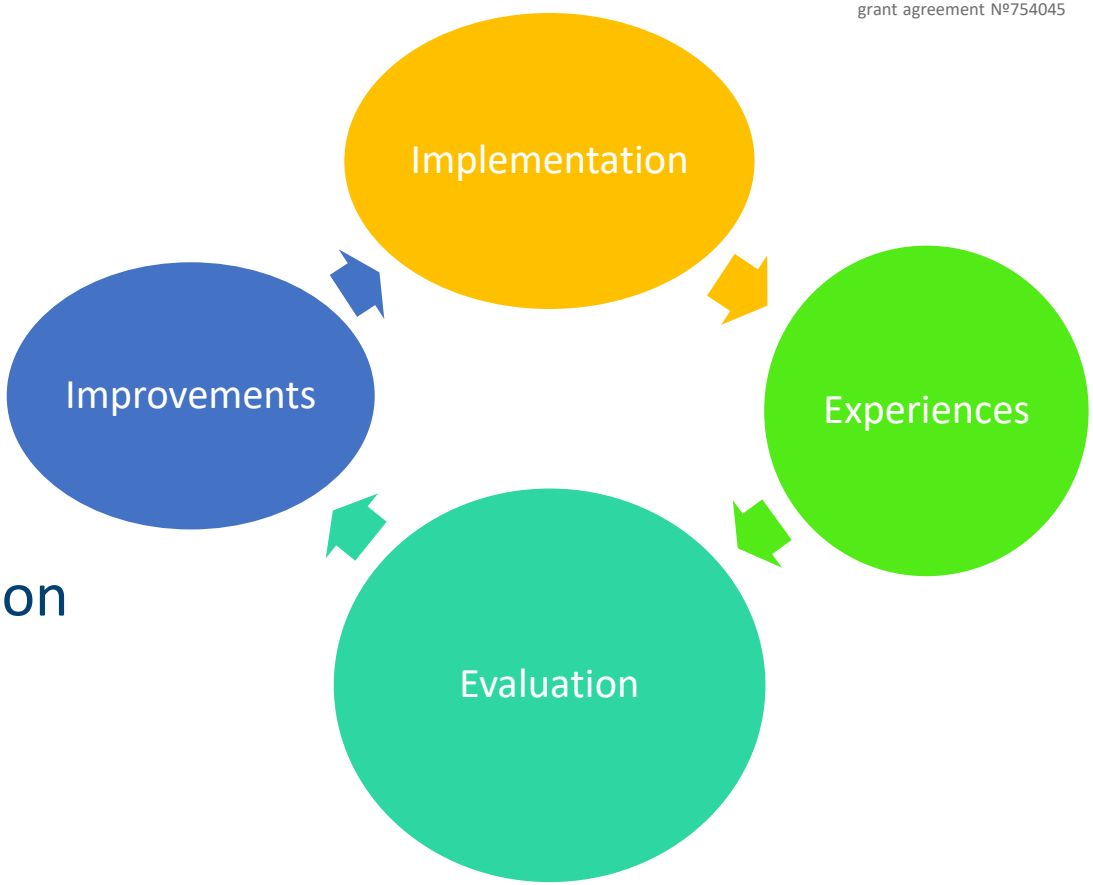
7. Further Development

- Software tools
- Funding schemes
- Regulations
- Audit management
- Marketing / communication



Thank you

iBRoad

www.ibroad-project.eu

peter.mellwig@ifeu.de

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