



**BUILD UP SKILLS**  
ENERGY TRAINING FOR BUILDERS



# National Roadmap Austria



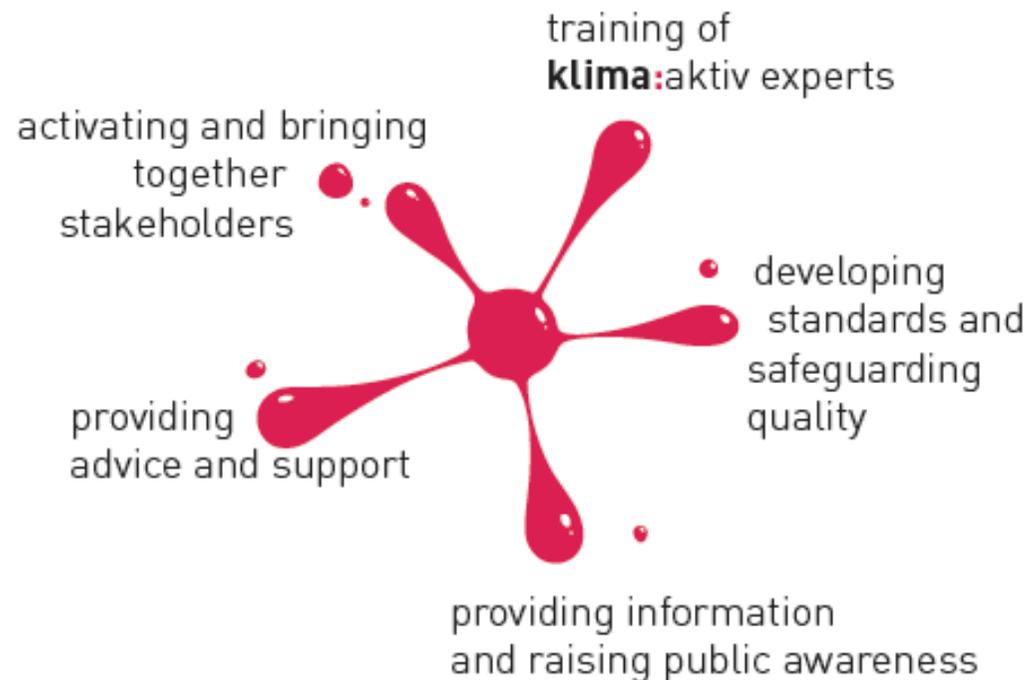


# Network for Change

Austrian initiative for active climate protection

launched by the Austrian Ministry of Agriculture, Forestry, Environment and Water Management

part of the Austrian climate strategy.



# klima:aktiv Building Standards – Main Criteria

Energy

Air Tightness

Thermal Bridges

Construction (eco)

Ventilation

Summer Comfort

Indoor Air Quality

Infrastructure

Bicycle parking

(Life Cycle Cost)



[www.bauen-sanieren.klimaaktiv.at](http://www.bauen-sanieren.klimaaktiv.at)

# Interested?

If you are interested in any kind of cooperation in the field of climate initiatives:

Web:

[www.klimaaktiv.at](http://www.klimaaktiv.at)

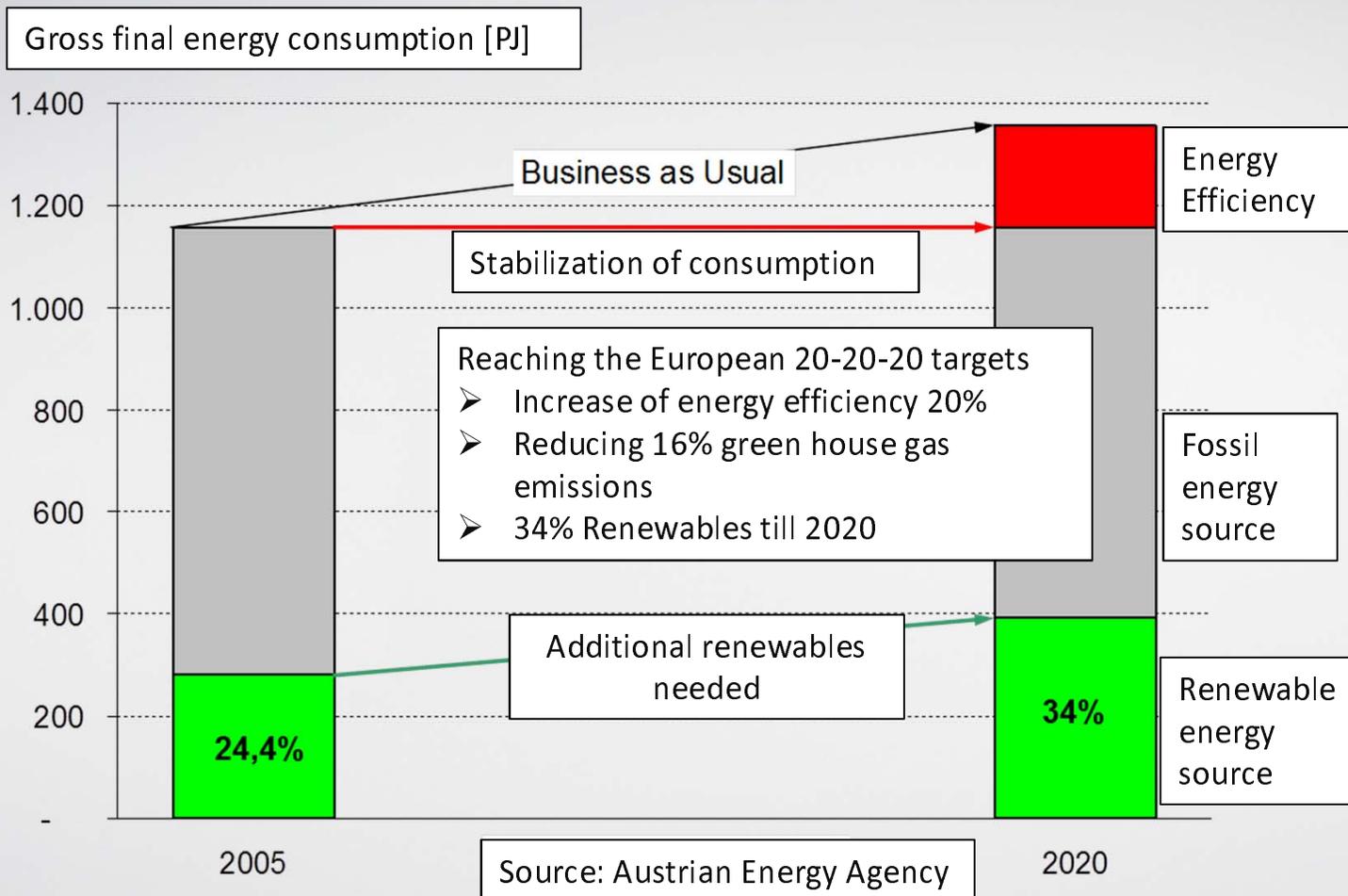
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# THE AUSTRIAN TARGETS AND HOW TO REACH THEM





# BUILD UP SKILLS AUSTRIA

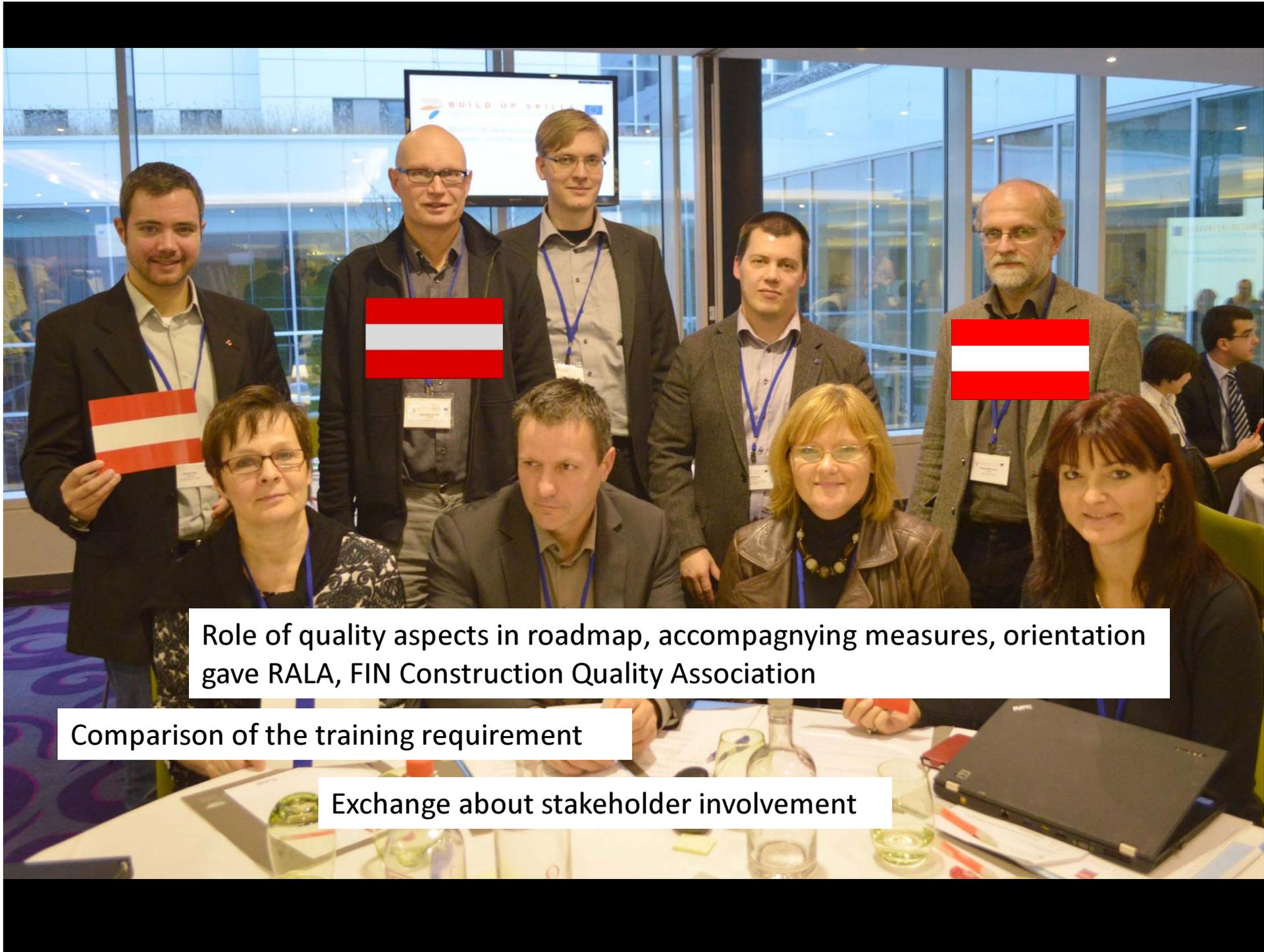
## Project consortium

- Coordinator
  - Austrian Energy Agency (AEA)
- Partners
  - Styrian Energy Agency (LEV)
  - 17&4 Consulting Ltd. (17&4)

## Involved Austrian stakeholders

- Federal ministries
- Social partners (federation of industries, chamber of labor, chamber of agriculture, trade union federation)
- Representatives of the federal provinces
- Representatives of business, associations, institutes of further education,...



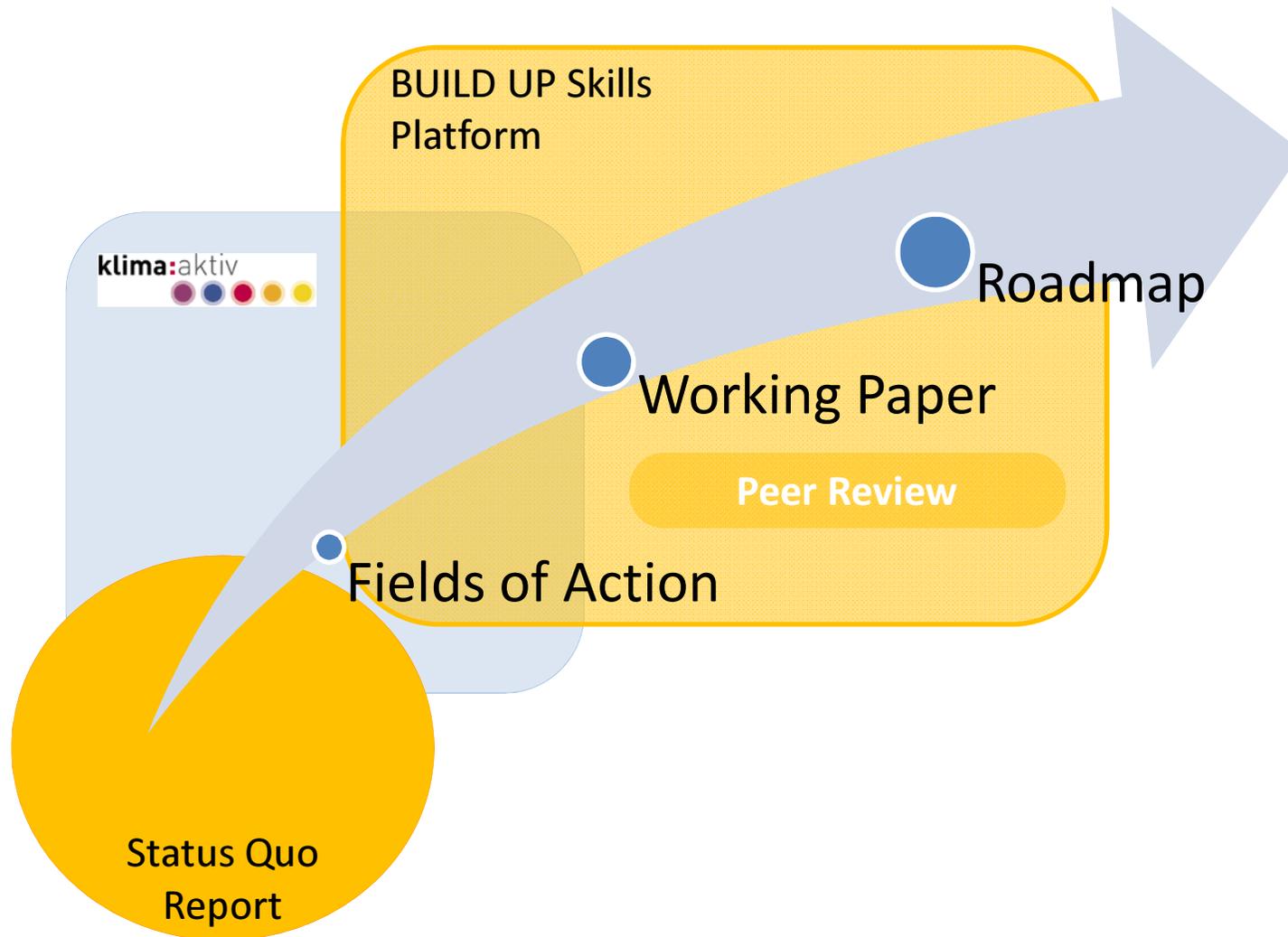


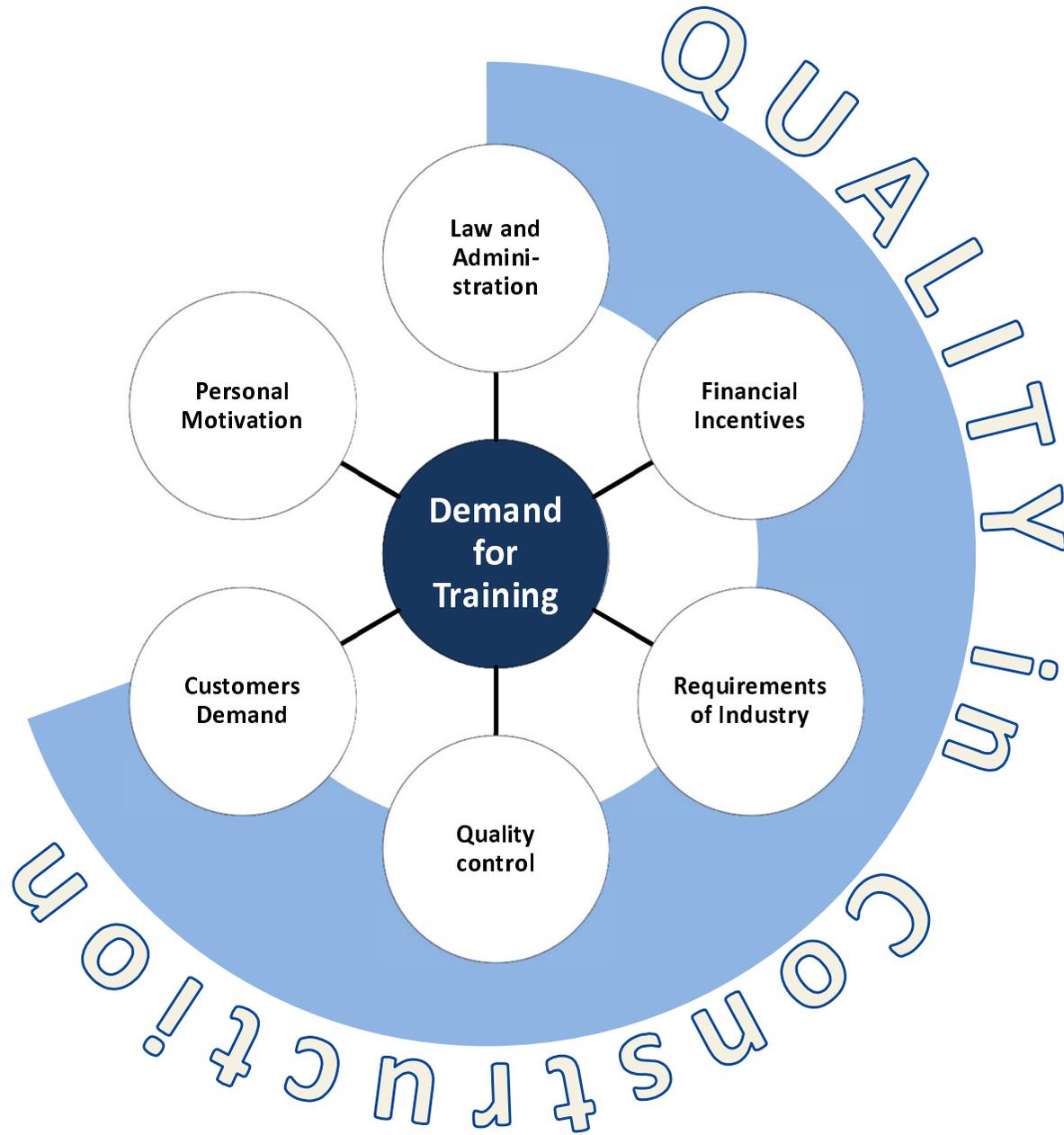
Role of quality aspects in roadmap, accompanying measures, orientation gave RALA, FIN Construction Quality Association

Comparison of the training requirement

Exchange about stakeholder involvement

# The Austrian Process







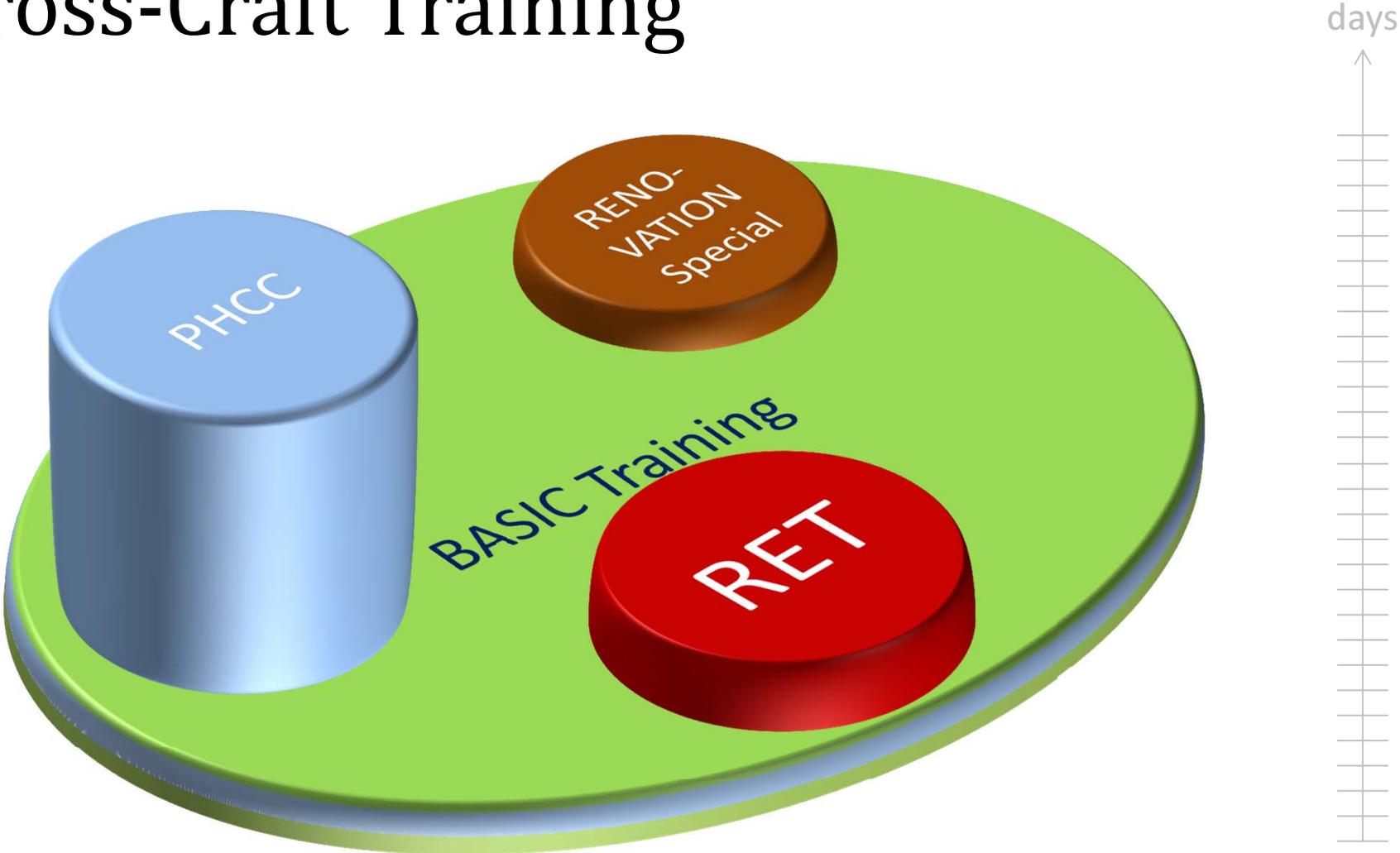
# Core Measure 1

## Cross-Craft Training



- Most common recommendation
- National Standard to be defined
- Modular training system: 2 days Basic Module, optional Passivehouse craftsman course (PHCC), Renewable Energy Technologies (RET)
- Implementation seems to be realistic, uncertain: number of participants

# Core Measure 1 Cross-Craft Training



# Core Measure 2

## Quality Coach at Construction Site

- New service for on-site learning and support for quality management,
- provided by especially qualified, experienced workers labour market relevant, preventing early retirement
- Building up a pool of Quality-Coaches for enterprises, building supervisors, qualification associations
- A pilot measure is planned

# Lessons Learned

- Implementation of EU policies via stakeholder approach is partly new, proposal for improvement is not general criticism!
- Voluntary participation in training seems untouchable → Everything boils down to the question of quality, but energy inefficiency is rarely seen as a lack
- NQF approach still “under construction”  
Learning outcomes, knowledge, skills and competences for better orientation in education (→ Pillar2)!
- Build up cross-craft understanding  
a national standard is possible,  
but little interest in mutual recognition of certificates

# BUILD UP Skills AUSTRIA

Österreichische Aus- und Weiterbildungsinitiative für die optimale  
Umsetzung von Energieeffizienz und Erneuerbaren in der Bauwirtschaft



Looking forward to further, fruitful discussion!

Georg Trnka and Johannes Fechner

**Austrian Project Consortium**

