



NEEAPs development and use of MVP in SEE

Latest development of MVP Plus project



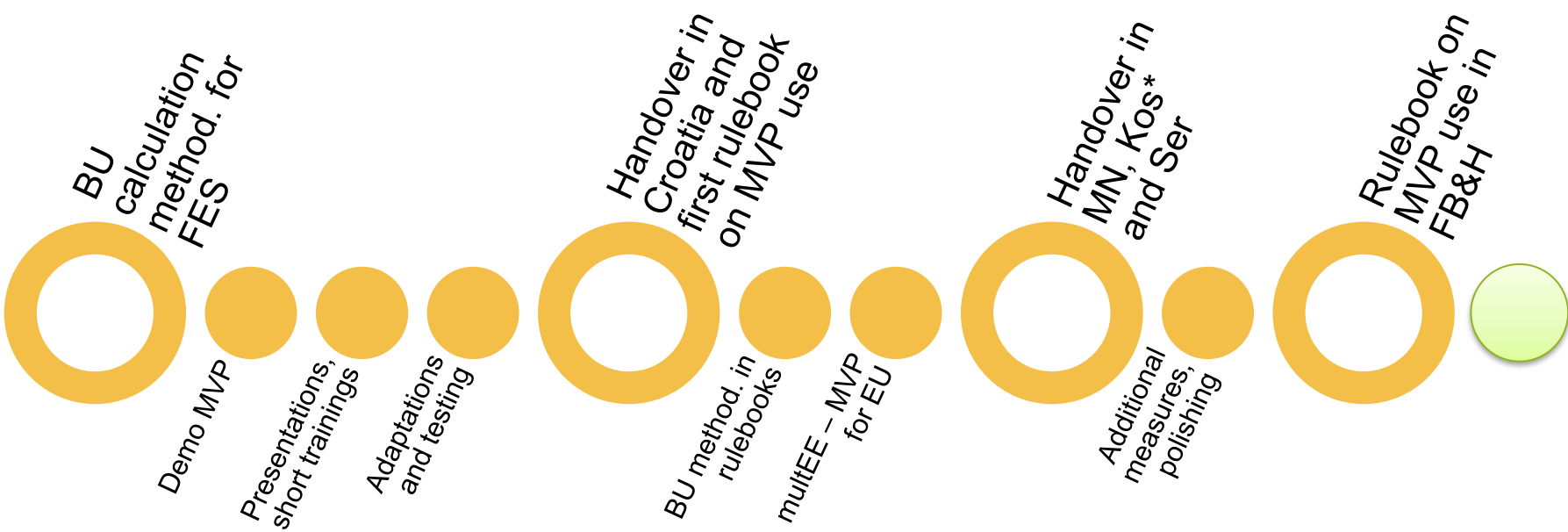
Berina Delalić-Gurda, ORF - EE

Energy Efficiency Coordination Group meeting, Vienna

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Timeline of MVP development in SEE





The challenges so far

- Structure not established
- Lack of capacities
- Lack of legal framework
- Technical issues
- Changing requirements
- Fear and uncertainty





The opportunities

- Good understanding
- Readiness to implement
- Examples of good practice
- Local expert support
- Available data
- Need for faster and efficient solution





Development in B&H

- Cooperation with **GIZ ProEE for B&H**
- Rulebook on MVP use in FB&H – adopted January 2019
- BEEP project data to be inserted
- *Environmental protection Fund* for FB&H inserting data for next NEEAP
- Preparation of trainings for users (Cantons and municipalities) together with EMIS
- Rulebook on MVP use in RS prepared and sent to the Ministry





Project goals

Upgrade of MVP

- New calculation methods
- PES calculation
- New BU methods
- Better managing of plans

Training of local expert organisation

- Regional trainings and workshop
- Developing local expert support
- Enabling focused exchange and discussion

Support in establishing structure

- Rulebook on MVP use
- Advise on data flow and user roles





Upgrade of MVP – in progress

Implemented measure - Awareness Raising (M1.1)

General data

Measure title:

Measure desc:

Measure type: Awareness Raising (M1.1)

Location:

Sector: BUILDINGS

Group:

Fuel type (before):

Fuel type (after):

Implementation date:

Lifetime [years]:

Valid to:

Entity:

Responsible:

Co-financing

Documents

Savings and costs

Energy savings [kWh]: 0.00

CO2 savings [t]: 0.00

Cost of measure: 0.00

Calculation data

Formula: $TFES = n * FEC_{person} * Sq$

n:

FECperson:

Sq:

New resulting values:

- Final energy savings (kWh)
- Primary energy savings (kWh)
- CO2 emission reduction

For measures on final energy savings existing BU methodology to be used





Upgrade of MVP – in progress



Plans and measures Administration

Plans overview

New plan

Implemented measures overview

New measure implementation

Measure assignments overview

Master search

Buildings

Industry

Transport

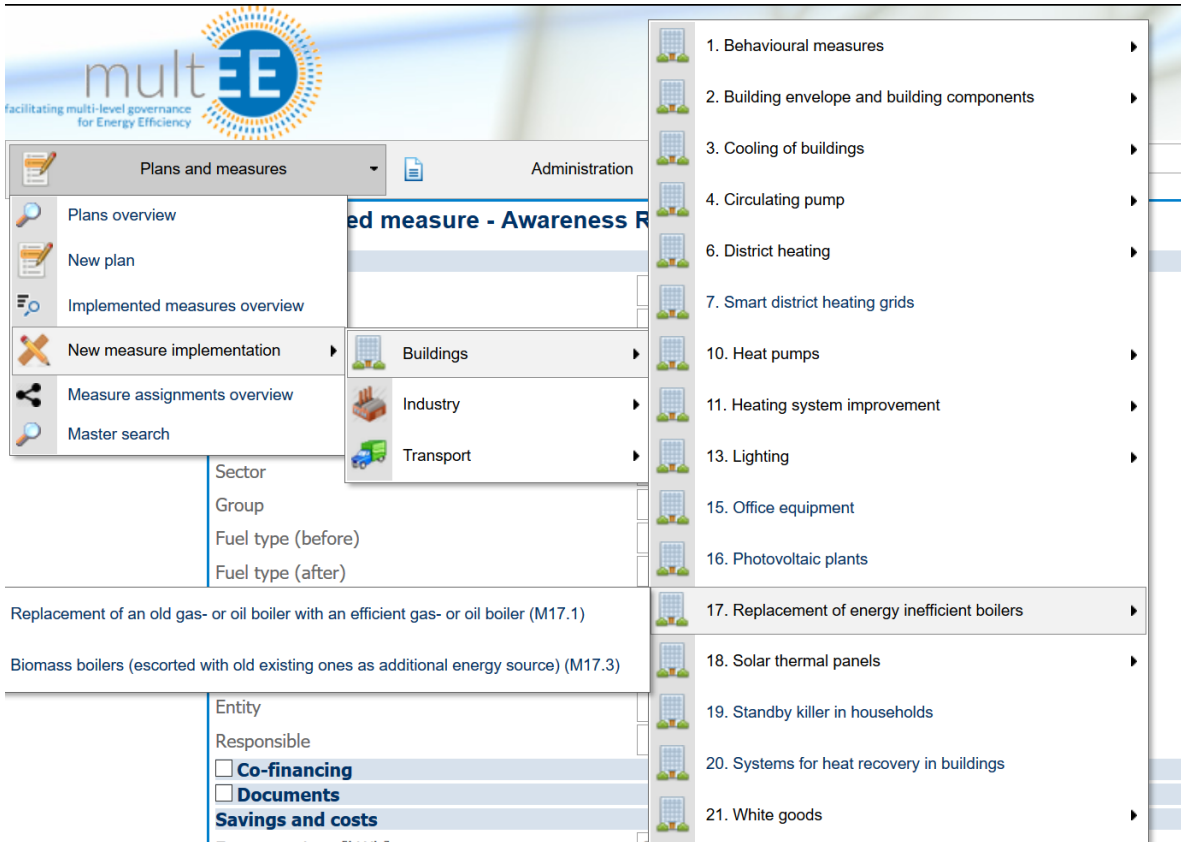
Supply side

99.5 Transformation, transmission & distribution

- For measures on supply side, only direct input of PES;
- Methodology for some measures under consideration.



Upgrade of MVP – in progress



The screenshot shows the MVP software interface. At the top left is the 'mult EE' logo with the tagline 'facilitating multi-level governance for Energy Efficiency'. Below it is a navigation menu with options like 'Plans overview', 'New plan', 'Implemented measures overview', 'New measure implementation', 'Measure assignments overview', and 'Master search'. A dropdown menu for 'New measure implementation' is open, showing categories: 'Buildings', 'Industry', and 'Transport'. Below this is a search filter section with fields for 'Sector', 'Group', 'Fuel type (before)', and 'Fuel type (after)'. The main content area displays a list of 21 energy efficiency measures, each with a small icon and a right-pointing arrow. The measures are:

1. Behavioural measures
2. Building envelope and building components
3. Cooling of buildings
4. Circulating pump
6. District heating
7. Smart district heating grids
10. Heat pumps
11. Heating system improvement
13. Lighting
15. Office equipment
16. Photovoltaic plants
17. Replacement of energy inefficient boilers
18. Solar thermal panels
19. Standby killer in households
20. Systems for heat recovery in buildings
21. White goods

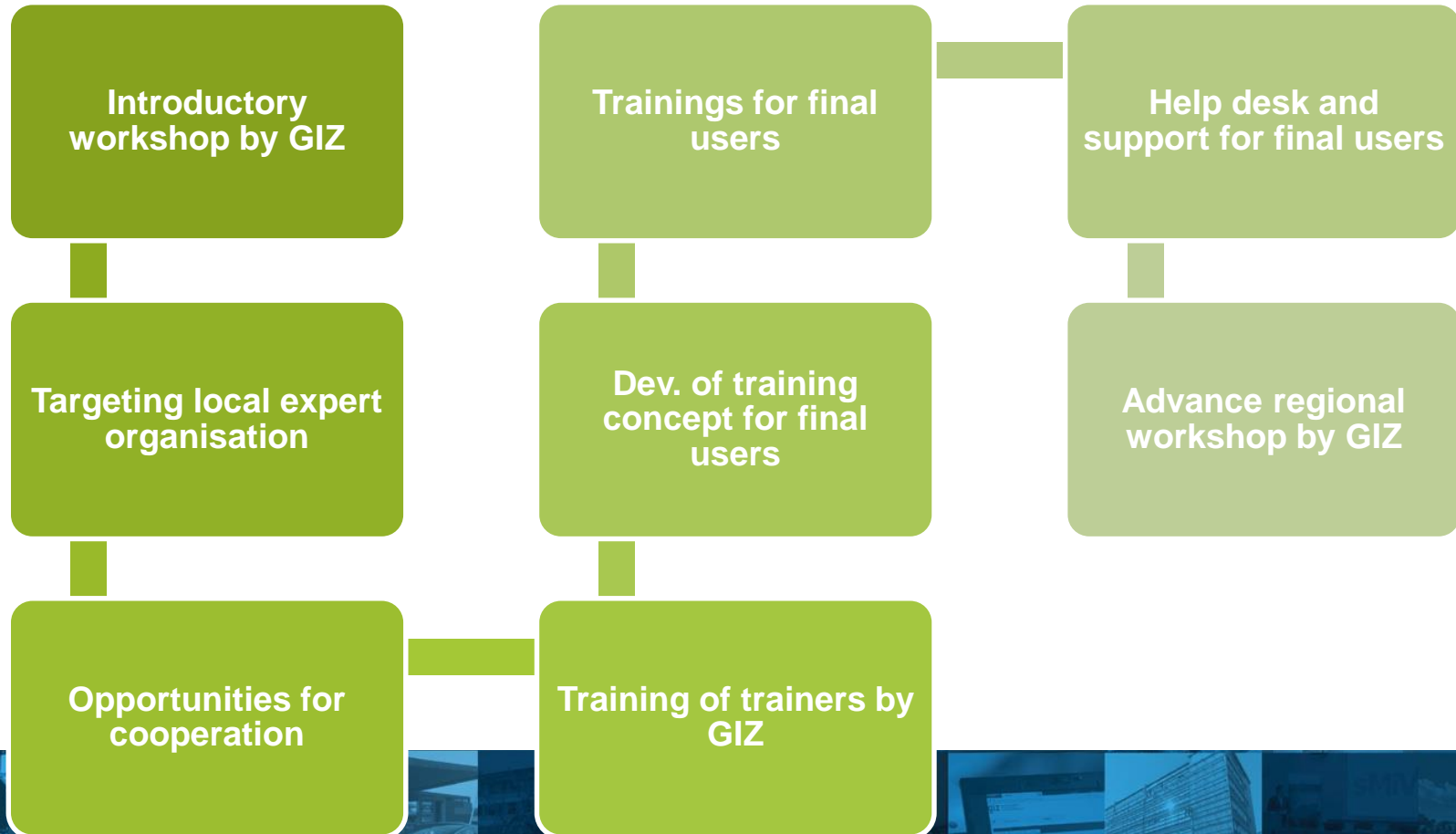
At the bottom of the screenshot, there are checkboxes for 'Co-financing', 'Documents', and 'Savings and costs'.

Update of BU methodology:

- 1) Update of reference values,
 - 2) New BU methods.
- Analysis of countries' needs.

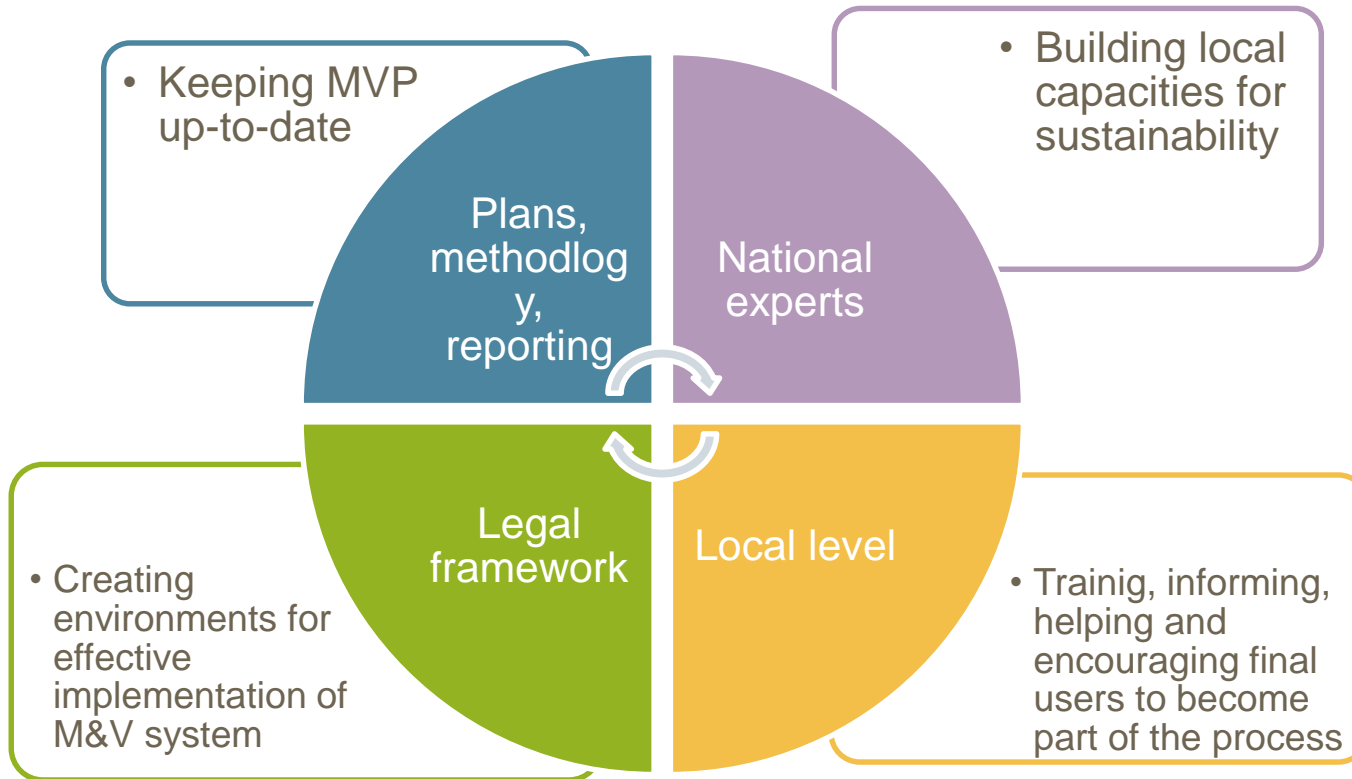


Capacity development of local expert organisation





Support in establishing structures





Thank you for your attention!

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