Reporting on the EeB-PPP Parallel Session

Antonio Barona
Solintel
Impact and Future Outlook

1. Impact workshop
   Juliusz Zach, Mostostal

2. Draft Roadmap for 2014-2020
   Stefano Carosio, D’Appolonia

3. Roundtable on impact and future outlook
   Bruno Smets, Philips
   Jesus Isoird, Acciona
   Alain Marti, EDF
   David McEwan, IES
Impact Workshop (1/2)

- **Goal**: Share experience, engage project participants and getting direct project dissemination (small, large, demo)

- **Challenges**
  - Better coordination at programme level
  - Constant updates for standardization and regulation
  - Significant project uptakes
  - Public procurement promotion
  - Getting stakeholders more included
  - Users acceptance
  - Appropriate business models
  - Radical improvement of communication & dissemination (share demo-sites, combine project outcomes, common events, launch horizontal actions on marketing actions, etc)
Impact Workshop (2/2)

- Indicators
  - Financial
  - Sustainability
  - Project
  - Adoption

- Conclusions
  - Significant progress has been made
  - Strong support of the EeB inside the H2020
  - Most detected barriers are not technical (regulations)
  - Recommendation for courses, seminars, project clustering...
Draft Roadmap for 2014-2020 (1/6)

1. From a project to a programme level approach
2. Building pillars (systemic, district dimension, geocluster approach)
3. Wave action approach (wave of projects & solutions)
4. Considering key relevance & challenges of existing buildings

*From an end-user driven approach to a whole value chain approach*
Draft Roadmap for 2014-2020 (2/6)

Revised E2B Vision

Review of E2B first multi-annual roadmap

EU and local policy targets (e.g. for CO₂ emissions)

Review of national, EU and international roadmaps (i.e. SET Plan, ETPs, other PPPs,...), existing ‘future scenarios’, recent position and consultation papers

Lessons learnt from the portfolio of running EeB projects and other energy related projects (e.g. ICT4E2B Forum and Building up)

Links with other EU initiatives: KETs (e.g. Advanced Materials), KICs (e.g. InnoEnergy)
Part 1, Vision 2030

- Creation of an innovative high-tech EeB community
- Connecting all industry value chain, turning competitive companies at global level
- Delivering new refurbished buildings, user centric and affordable.
- Commitment to long term performance
Draft Roadmap for 2014-2020 (4/6)

Part 2, Research & Innovation Strategy

- Design
- Structure
- Envelope
- Energy equipment
- Construction process
- End of life

- Design
- Technology building blocks
- Construction process
- End of life

- Energy Performance
- Energy performance management and monitoring
- End of life

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OVERALL VISION 2030

Value chain steps:
- Design
- Structure
- Envelope
- Energy equipment
- Construction process
- Perf. monitoring
- End of life
- Integration

Specific challenges & barriers 2020
Specific targets & innovation drivers 2020
Integration challenges & barriers 2020
Specific targets & innovation drivers 2020

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Draft Roadmap for 2014-2020 (6/6)

Part 3, Expected Impacts on industry and society:

- scale of impact on competitiveness,
- growth,
- jobs,
- trade,
- investment,

This is not a EU challenge but a worldwide one, which give us the opportunity to become WW leaders!

- impact on climate and environment
Roundtable on impact and future outlook (1/4)

- Experience from industry relating to the impact and the added value of this particular PPP
- What has or may not has worked so far?
- Have the objectives of the program been reached?
- What should be improved?
Roundtable on impact and future outlook (2/4)

- Complexity of the value chain within the construction industry compared to other sectors
- Good, putting all players in the same place for a common goal and start discussion (UNV, RTD, Industry, users...)
- Do we know how to convince people to buy EeB?
- What will make people to invest on energy retrofitting for buildings?
- Within this projects and next phase (H2020), we need to answer these questions!
Roundtable on impact and future outlook (3/4)

• Necessity to address everything as a global programme management.
• Renewable energies are/will be a key point to be widely implemented and promoted.
• Challenges
  • Flexibility (new electricity usage)
  • Thinking at district scale
  • Comfort
  • Mandatory to assess the results foreseen are achieved in reality
Roundtable on impact and future outlook (4/4)

- Including into the current programme the participation of major important actors (US, China, Japan...)
- Clients to know that quality sometimes is align with costs, and these cost represent an added value, as other industrial sectors.
- EeB-PPP should express at political level the constant interest from the construction sector to harmonize the need of different countries across EU.
- SME Prioritizing
  - Bringing results to SMEs
  - Tackling SMEs difficulties to participate due to resources, experience, internal investments