



Challenges for market development of Building-Integrated PV (BIPV) – Task 15.2 Subtask A

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Analyses for 6 countries



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 Momir Tabakovic, Andreas Türk, Thomas Schostal (FH Technikum Wien)

 Francesca Tilli (GSE), Angelo Baggini (Uni. Bergamot)

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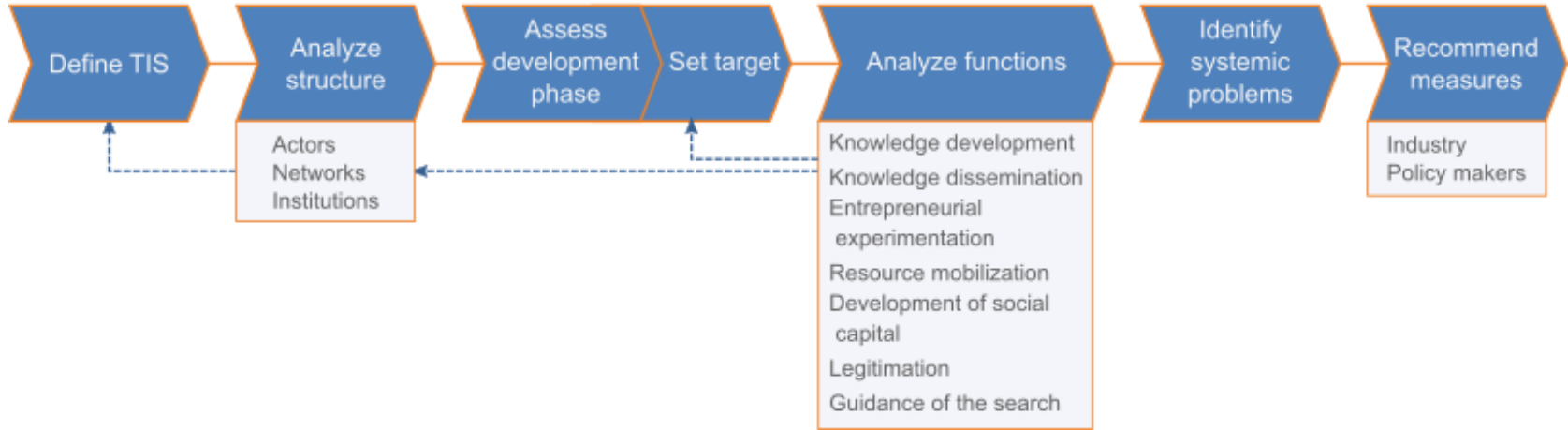
 Nuria Martín Chivelet (CIEMAT), Lucas García García, Estefanía Caamaño Martín, David Racero Patino (UPM)

 Michiel van Noord, Peter Kovacs, Malin Unger, Martin Warneryd (RISE), Bengt Stridh (MdU)

Analysis of the Technological Innovation System (TIS) for BIPV



• Process



- TIS framework is well-described and anchored in academic literature
- Major contributions by M.P. Hekkert, A. Bergek

Analysis of the Technological Innovation System (TIS) for BIPV



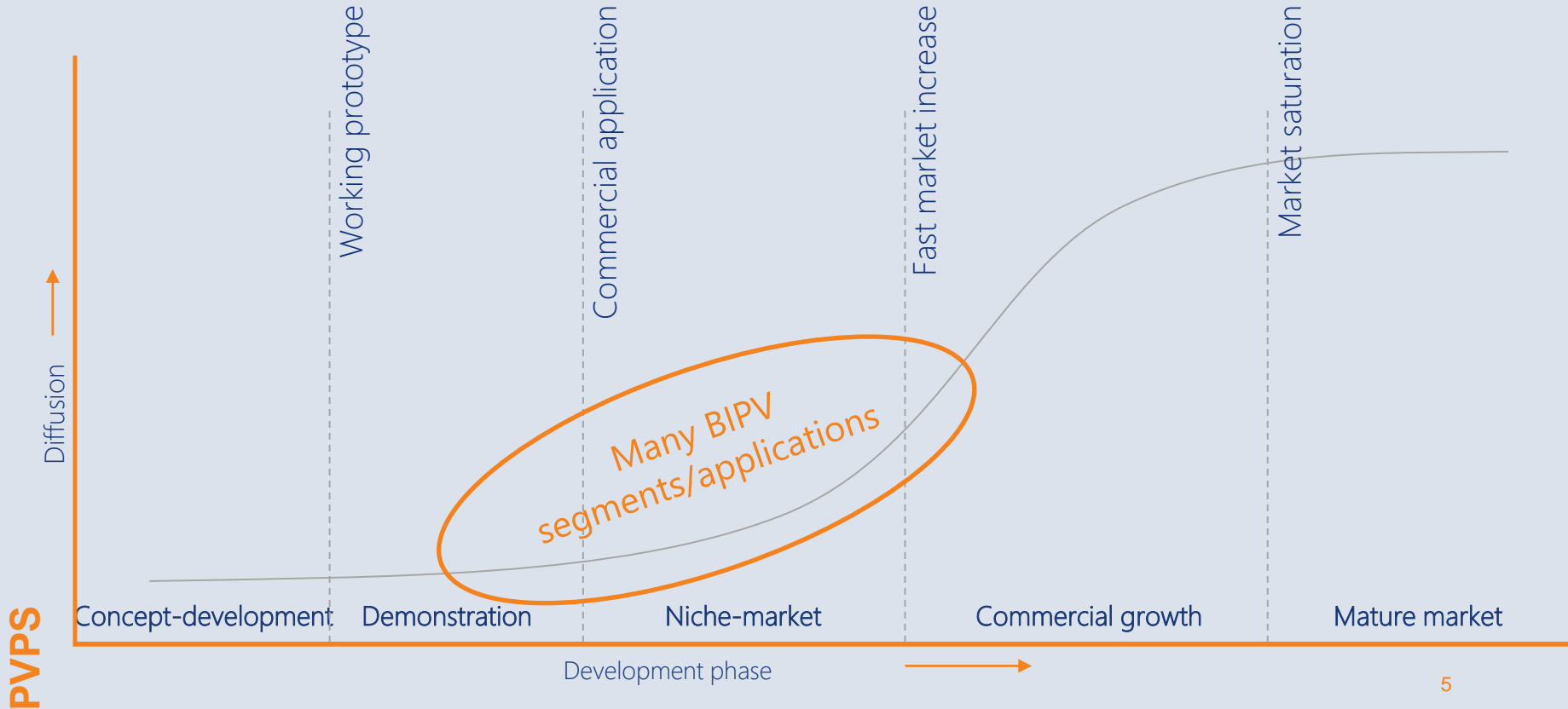
- Process and questions to answer:

What is BIPV?	Who is active? What boundary conditions?	What is the current market status? What do we want to reach?	What is done to create conditions needed? Are these the right things to do? By the right actors? Is it enough?	What/whom is lacking? Who is not doing its job?	What can industry and policy makers do to advance BIPV?
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- Data sources:

Interviews – Questionnaires – Projects - Patent applications – Publications – etc.

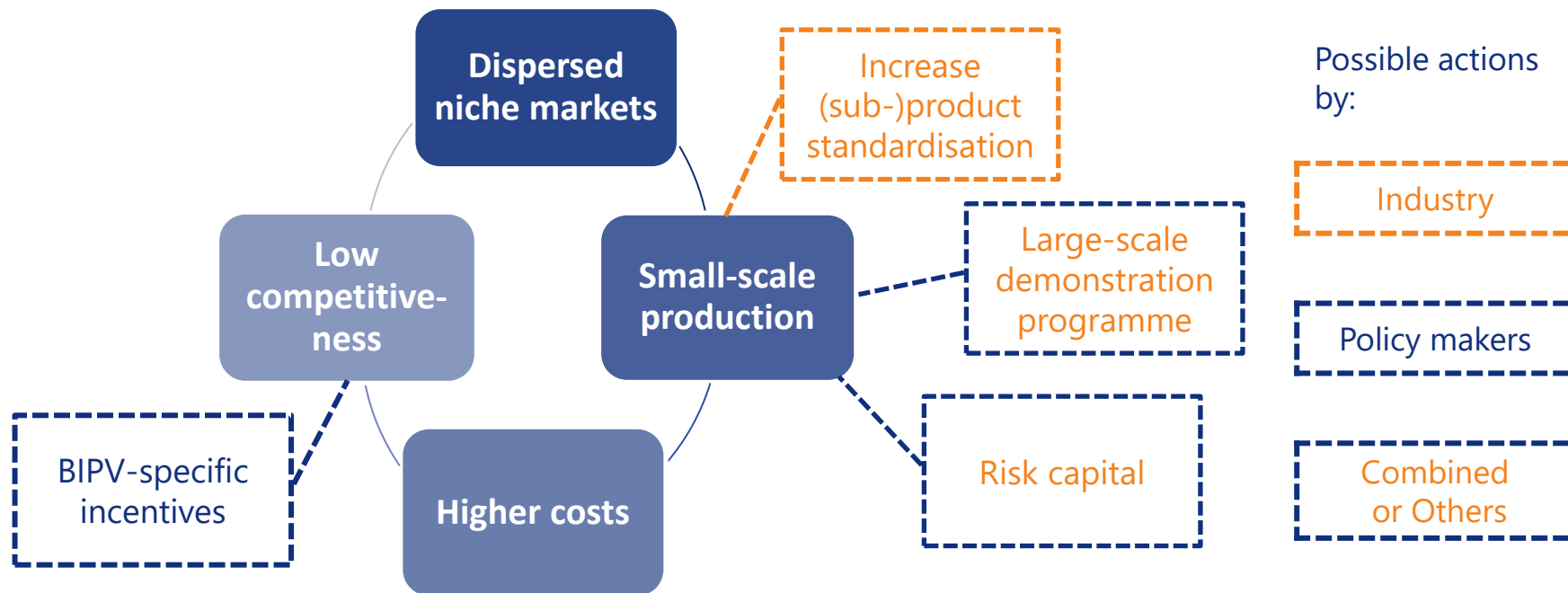
Market development



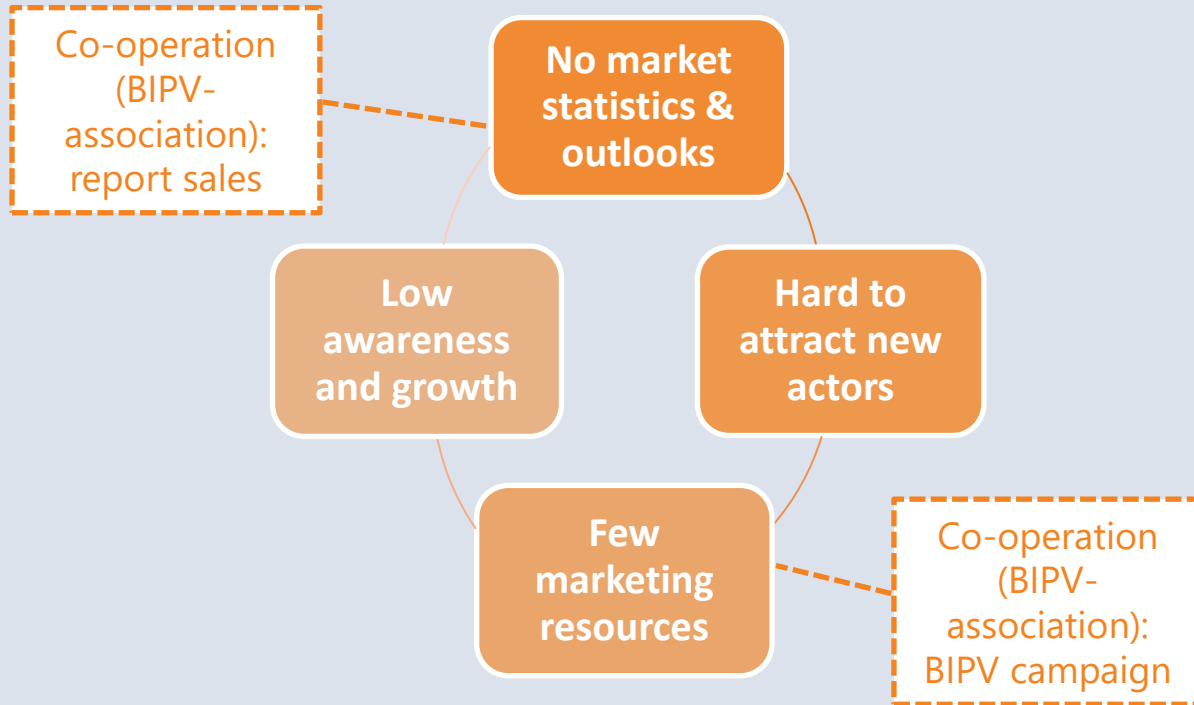
What are typical challenges for BIPV?



Common challenges for national BIPV development



Common challenges for national BIPV development



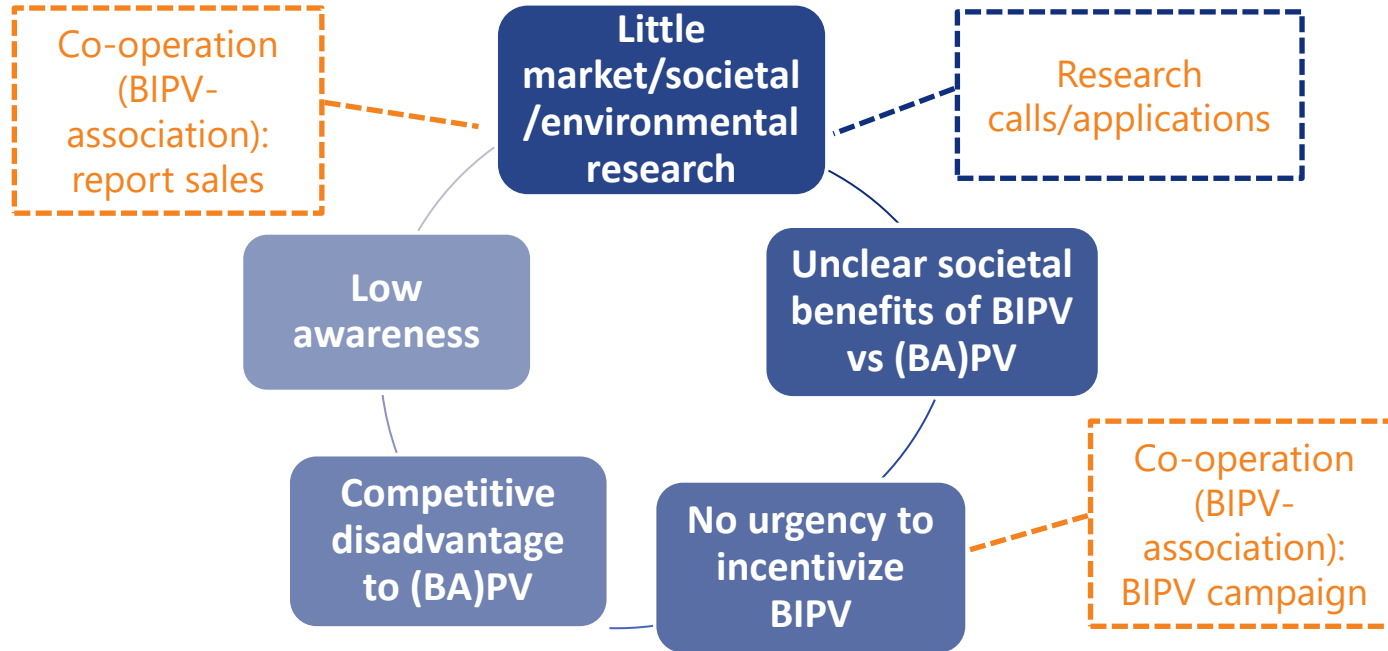
Possible actions by:

Industry

Policy makers

Combined or Others

Common challenges for national BIPV development



Possible actions by:

Industry

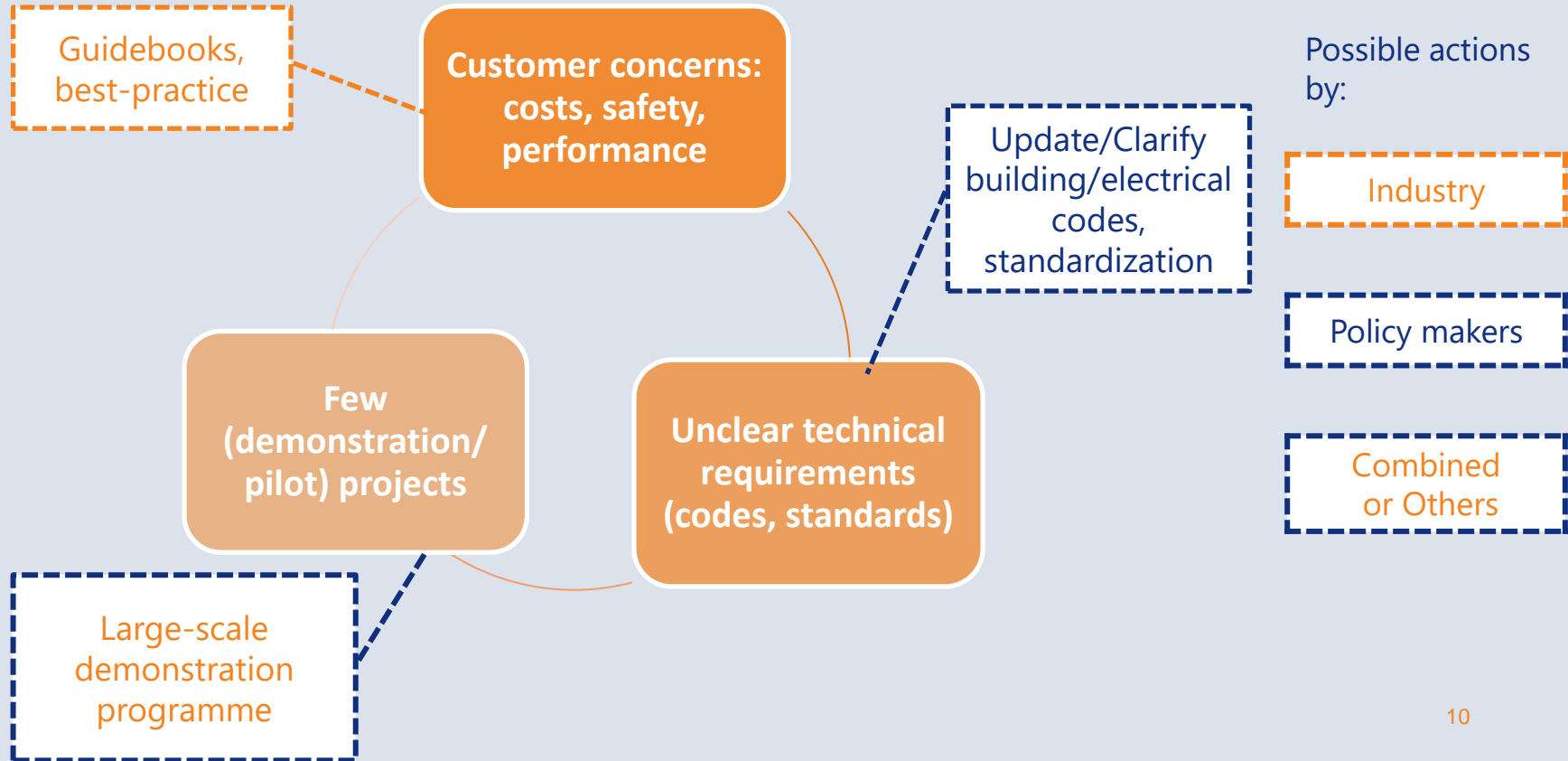
Policy makers

Combined or Others

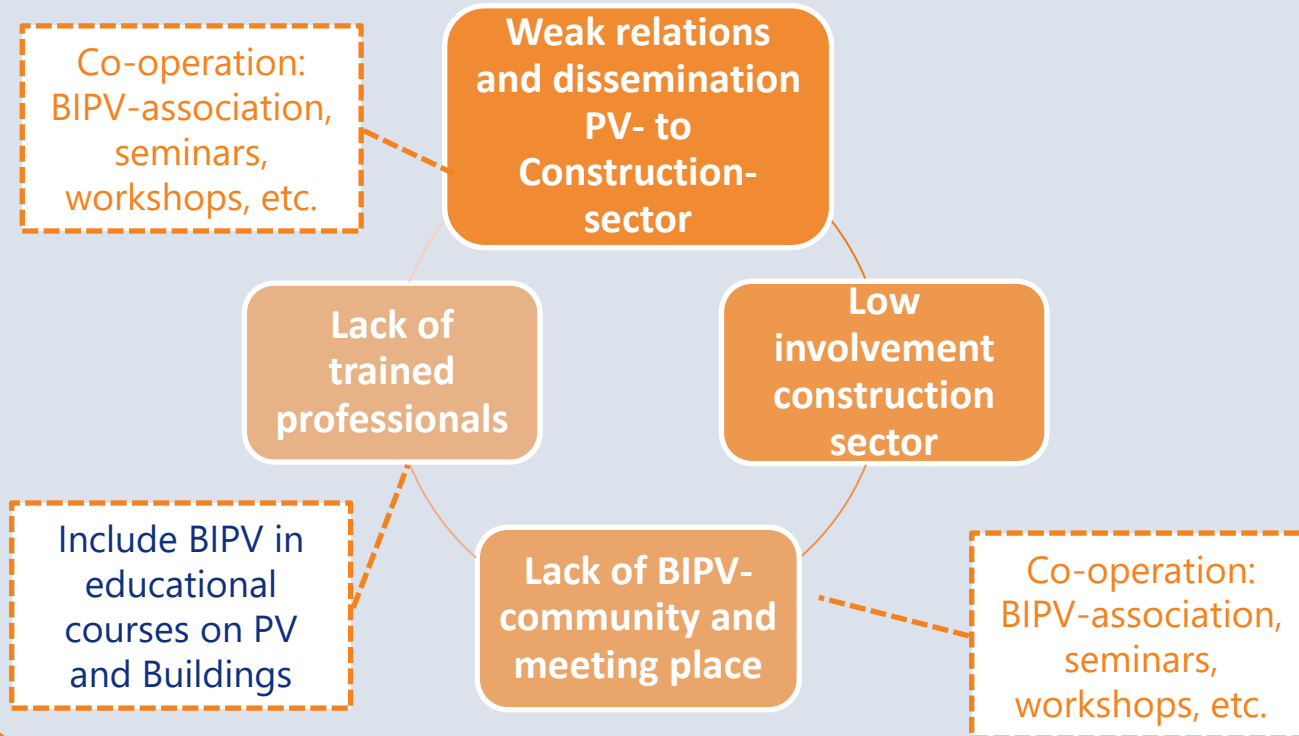
Common challenges for national BIPV development



PVPS



Common challenges for national BIPV development



Possible actions by:

Industry

Policy makers

Combined or Others

Interested in methodology and more results?



Upcoming publications:

- TIS-analys BIPV in Spain (2022)
- Guide for TIS-analysis (2022/2023)

...and more to come:

- TIS-analyses BIPV in Australia, Austria, Sweden, Netherlands, Italy (2022/2023)
- Synthesis report (2023)



<https://iea-pvps.org/research-tasks/enabling-framework-for-the-development-of-bipv/>

Thank you!

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