



Driving force for the roadmap



- ❖ The EU is characterized by a heterogeneous set of certification schemes for micro-RES which varies a lot in ownership, costs and quality
- ❖ Some Member States are "new" to RES (and PV) and haven't adjusted to the market needs
- ❖ Article 14 of the RES Directive on the promotion of the use of energy from renewable sources (2009/28/EC) obliged EU MS to develop a mutually recognized certification framework by December 2012





Scope of PV TRIN EU roadmap



Scope

Provoke replication and utilization of the project's outcomes in order to succeed in the wide adoption of the certification scheme by as many EU member states as possible

How

 Provide a set of guidelines, instructions and plans to follow based on PV TRIN training and certification scheme and according to the different market needs that can facilitate the adoption by other EU MS





Identifying the different market needs

I. Mature PV market

o Existing: certification scheme, qualification scheme, training program / infrastructure, professional networks and definition of PV installer

II. Developed market

qualification Existing: scheme, training program infrastructure, professional networks and definition of PV installer

III. Developing market

o Existing: professional networks and definition of PV installer

IV. Basic market

Existing: definition of PV installer

V. New market

Nothing Exists







PV TRIN meeting the different needs



I. Mature PV market

o Be part of the existing training course and the qualification can be used for the certification process

II. Developed market

o Offer the certification scheme package (i.e. requirements, accreditation routes, recognition of training courses)

III. Developing market

Offer the training course package, exams and the certification scheme)

IV. Basic market

o Offer all the above package and additionally the coordination of the different actors and the creation of professional networks

V. New market → Help define what "PV installer" is





General Approach



- Concerted Action for RES (CA-RES)
 - Ministries (e.g. Energy, Industry, Employment)
 - Energy Agencies
 - o National Research Centers and Laboratories
 - Energy Institutes
- Certification bodies
- * Accreditation bodies
- Trade organization and professional networks (e.g. electricity and PV associations)
- Universities and National Experts

www.pvtrin.eu



www.epia.or



Next steps



- Promote the PV TRIN package to relevant national stakeholders identified in target countries (e.g. national associations)
- Promote PV TRIN towards relevant specialised media in these countries (press release with information package) → promote the positive feedback from participants
- Promote PV TRIN in national and international events, industry summits and WGs organized by EPIA
- Organisation of online webinar(s) to brief on PV TRIN certification and reduce dissemination costs
- Promote the outcomes via future studies related to market and industry needs (e.g. PV observatory)

 www.pytrin.e





