

Creating an Innovative Financing Mix for Energy Efficiency

Andreas Karner
PROSPECT 2030 Workshop



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- X Lack of (private) investments** in EE improvements
- X Still challenges ahead to improve EE above minimal legal requirements**
- X Significant share of old, energy inefficient technology** in building, public infrastructure and businesses
- X Delay in implementation of EE investments**, especially in private sector because of
 - long payback times
 - lack of financing means
- X Lack of knowledge/experience** using innovative financing mechanisms
- X Lack of engagement on capturing the multiple (co-)benefits** of energy efficiency (environmental, economic, social, comfort, etc.)

E-FIX wants to remove barriers between investors and project developers

Investors in energy projects

- Commercial banks
- Development banks
- Investment funds
- ESCOs (using internal funds)
- Microfinancing institutes
- Business Angles
- Communities
- Private citizens - the crowd
- Carbon or Climate Funds

Barriers

Perceived risks of the energy projects

- Uncertainty for investor
- No capacity to plan and implement

Restricted access to funds

- Missing collaterals
- Excessive regulations for energy projects

E-FIX

building bridges for energy investments

- Missing know-how for feasibility assessment
- Perceived unfeasibility/ long payback time
- Lack of public acceptance

- Administrative barriers for the use of innovative financing mechanisms
- Legal uncertainty regarding security of investment

Project developers and owners

- Businesses of tertiary sector
- Industry
- SMEs
- Start-ups
- R&D
- Communities
- Citizens
- ESCOs (3rd party financing)



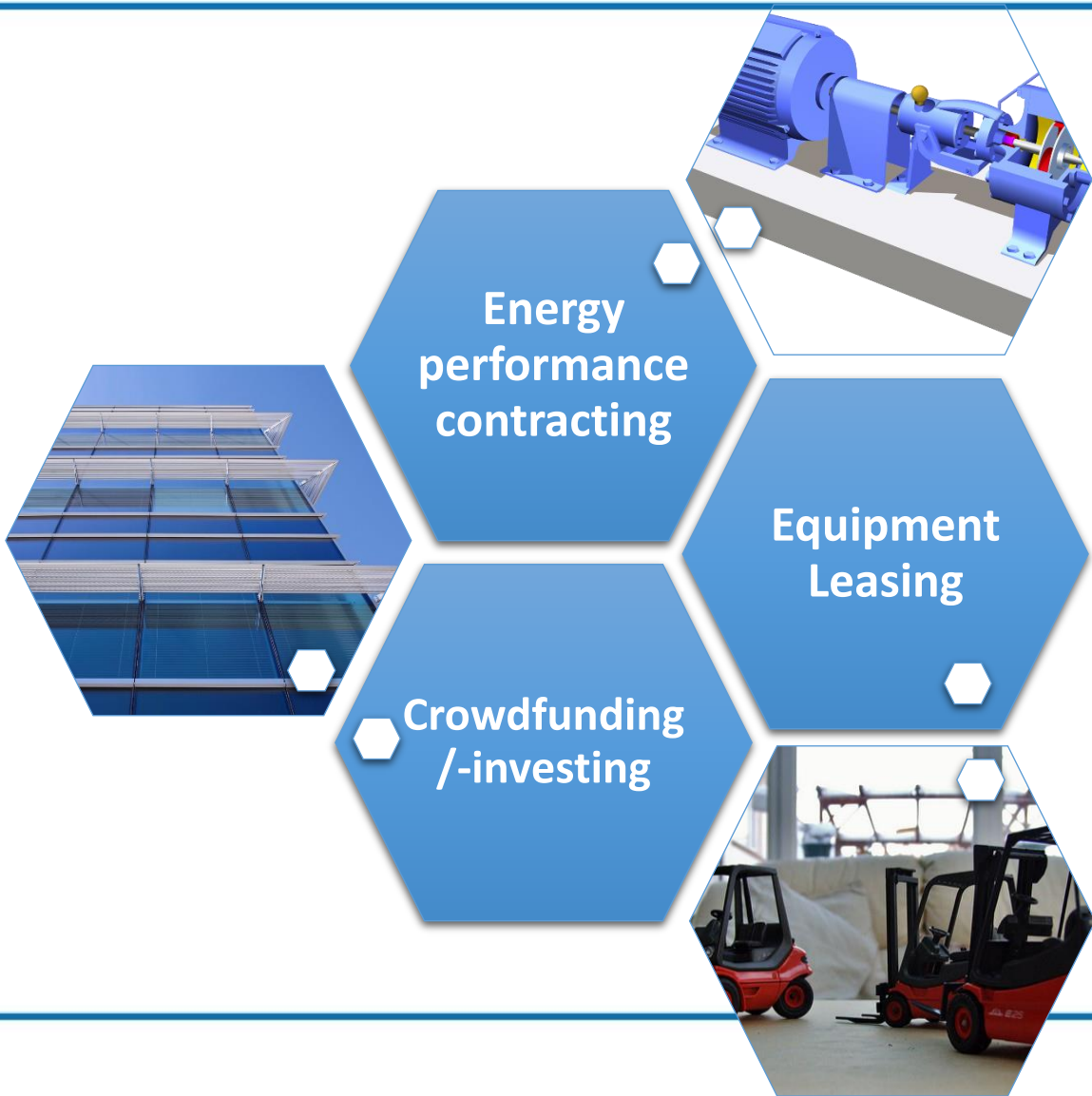
X **Perceived risks and uncertainties for energy projects**

- Provide both – energy project implementers and investors – with an accurate assessment of the feasibility of the projects, addressing the common risks of uncertainty of returns and perceived unfeasibility**
- Legal, institutional uncertainty for investor
 - Low, no ability to plan and implement
 - Missing knowledge for feasibility assessment
 - Perceived unfeasibility/long payback
 - Lack of public acceptance

X **Restricted access to funds**

- Knowledge transfer focused on 3 types of innovative financing mechanisms, building capacities in the partner countries for further strategic development as well as dissemination**
- Develop a focus on financial and non-financial benefits**
- Missing multilaterals
 - Excessive regulations for energy projects
 - Administrative barriers for the use of innovative financing mechanisms
 - Legal uncertainty regarding security of investment

X E-FIX aims at triggering **private finance for sustainable energy projects** by focussing on **specific financing mechanisms**



1

TRANSFER KNOWLEDGE

- Within the Project Partnership: AT, CZ, HR, PL, GE, AM

2

BUILD CAPACITIES

- Increasing the competencies of market actors, in regard to energy and financing requirements
- Training of „Ambassadors“ for innovative financing of energy projects

3

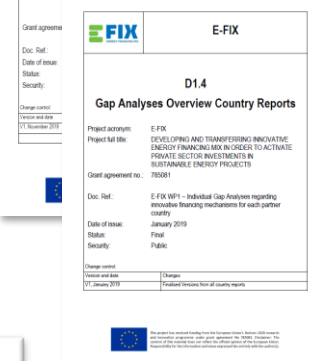
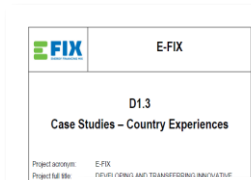
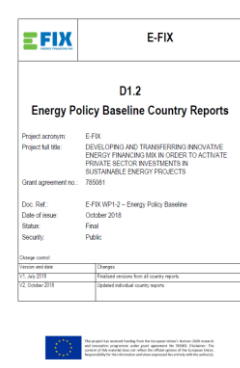
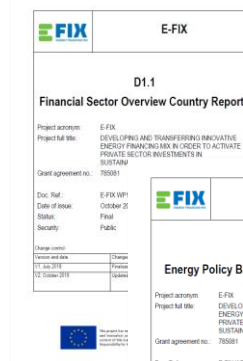
ROLL OUT

- Strengthening national/regional structures for the innovative financing of energy projects in the partner countries
- Test and disseminate tailored innovative energy financing mechanisms
- Thereby increasing the investments in the energy sector



- X Financing & Energy Policy Baseline** for each partner country
- X Case study analysis** of alternative financing of energy projects in each partner country
- X Individual gap analyses** for validating the preselection of the innovative financing mechanism
- X Training materials** in local languages
- X Catalogue of evaluation methods** for the systematic assessment of sustainable energy projects and a financing mix
- X Roll-out of pilot financing mechanisms is ongoing**

All reports available on the E-FIX webpage:
www.energyfinancing.eu



E-FIX Ambassador's roles

- X** > 100 Ambassadors are acting as multipliers for the E-FIX approach
- X** Participation at **energy financing trainings**
- X** Support in **pilot project implementation**
- X** Involvement in Strategy and Toolbox development
- X** Possible involvement in the development of **national competence centers for energy financing**
- X** International networking opportunities via the Ambassador platform
- X** **E-FIX Ambassador Platform online at www.energyfinancing.eu**



EE/RES Pilot campaigns

- X** Involvement of relevant stakeholders (project owners, energy providers, finance institutes, ESCOs, community and interest groups...)
- X** Test and implementation of the E-FIX methodology in real-life environments, in each of the six partner countries
- X** Realisation of pilot financing campaigns envisaged by Q1-2021
- X** Current pipeline
 - X** ~ 10 Crowdfunding/-financing models ~ 2 m€ EUR
 - X** ~ 10 EPC contracts ~ 15 m€
 - X** ~ 40 EE Leasing contracts ~ 8 m€

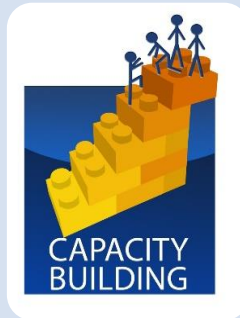


What E-FIX aims for

- X European-scale VISION** – Definition of long-term and transnational goals for successful and accelerated financing of energy project until 2030
- X Integrate stakeholder opinions** and objectives
 - X** transnational and country-specific issues for promoting innovative financing
 - X** political, legal/regulatory implications
- X Develop one Roadmap** considering the EU 2030 climate and energy framework targets
- X** Describe specific actions --> connect with local **E-FIX Action Plans**

Objective: ***Illustrate EU-wide development of energy financing environment and implementation.***





1 E-FIX Roadmap
6 Action Plans

120 E-FIX
ambassadors

Pilot financing
campaigns, investment
~ 8 mill. EUR

6 Energy Financing
competence centers

Energy savings
triggered
~ 19 GWh/yr

Renewable energy
triggered
~ 1.6 GWh/yr



THANK YOU!

Andreas Karner – Project Manager
andreas.karner@conplusultra.com

ConPlusUltra Ltd, Vienna/Austria
www.conplusultra.com