



REGIONALNA ENERGETSKA AGENCIJA
NORTH-WEST CROATIA
SJEVEROZAPADNE HRVATSKE
REGIONAL ENERGY AGENCY



BUILD2LC
Interreg Europe



European Union
European Regional
Development Fund

Action Plan – Final Version

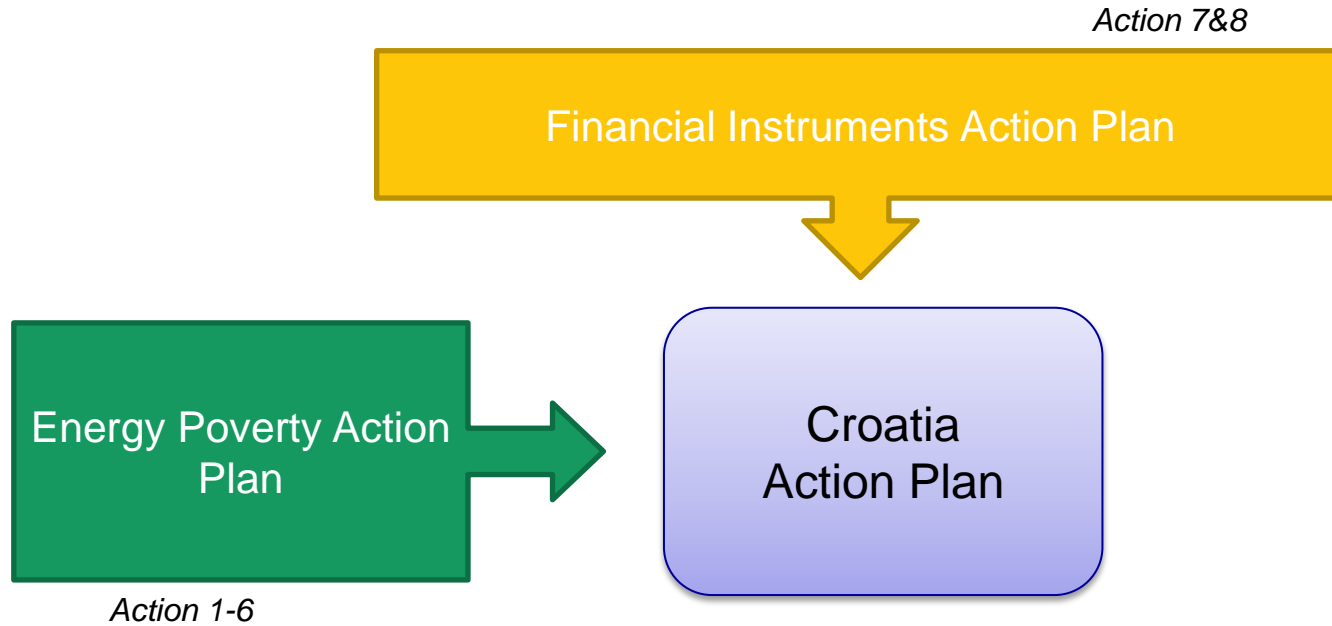
Croatia

Velimir Šegon

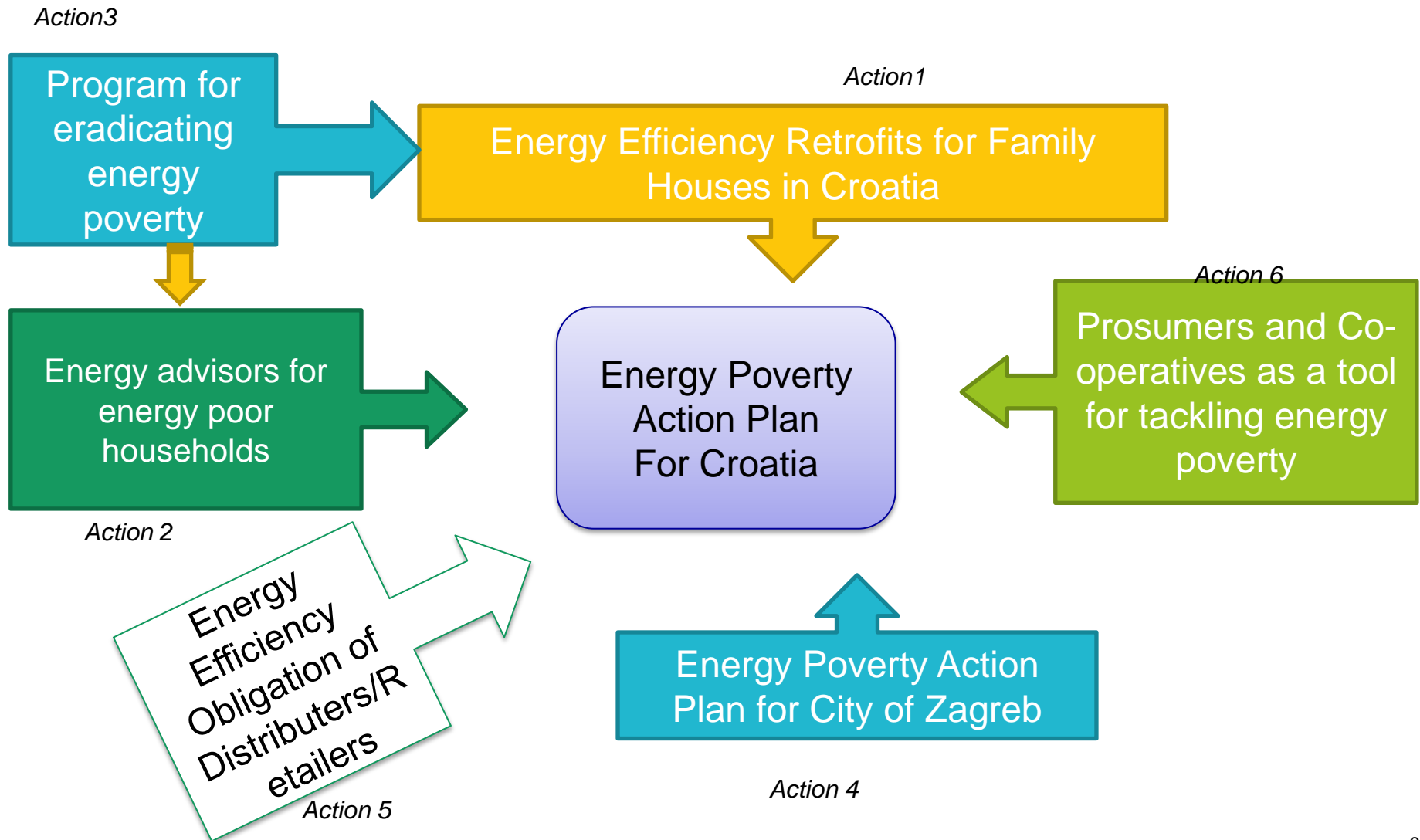
REGEA

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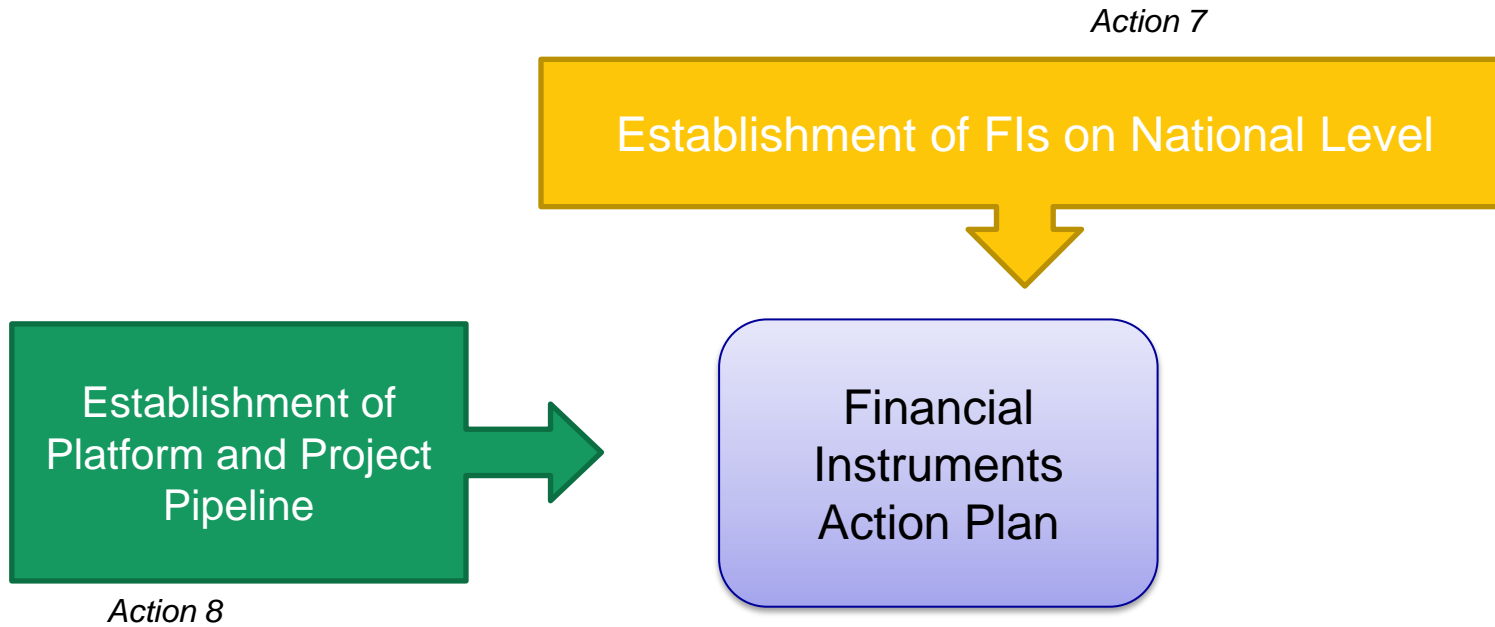
Action Plan Summary



Action Plan Summary (2)



Action Plan Summary (3)



Action 1: Energy Efficiency Retrofits for Family Houses in Croatia

Summary

- Second phase of a national retrofit programme
- Inclusion of social criteria
 - Higher subsidy rates
 - Better accessibility -> involvement of local actors
 - Question of pre-financing

Good practices learnt / identified

- Loft insulation and boilers (UK) – identified during Gloucestershire visit

Implementation steps

- Ministry of Construction and Physical Planning – WG meetings
 - Pre-development of criteria -> Final criteria
 - Capacitating selected local actors based on developed criteria

Action 2: Energy advisors for energy poor households

Summary

- Measure in the 4th NEEAP (2017-2019)
- Info-centres at Las
- Advice + simple and low cost EE measures
- Start with 1000 HH pilot

Good practices learnt / identified

- Warm and Well programme (UK)
- National level advisors (SLO)

Implementation steps

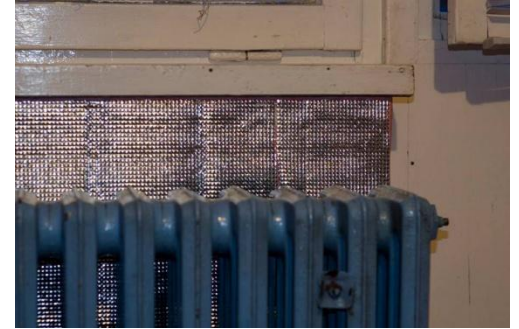
- Adoption of the 4th NEEAP (advocacy actions to speed up adoption)
- Choosing the pilot cities
- Allocating funds (FZOEU)
- Starting with the national pilot



Action 3: Program for eradicating energy poverty

Summary

- Measure in the 4th NEEAP (2017-2019)
- Program should define scope of the problem
 - Widening vulnerability criteria
 - Measures analysis and implementation strategy
- Participatory development of the program



Good practices learnt / identified

- UK long term programs (as presented by Harriet Thompson at online conference via BUILD2LC)

Implementation steps

- Adoption of the 4th NEEAP (advocacy actions to speed up the process)
- Ministry of Energy to issue a public call for proposals
- Ensure participative process of development by the contractor

Action 4: Energy Poverty Action Plan for City of Zagreb

Summary

- Field visits to be undertaken in Zagreb (500)
- Collection of data and provision of low cost EE
- Analysis of collected data
- Creation of model and action plan



Good practices learnt / identified

- Examples of other EU funded projects (EPOV examples as presented by H. Thompson during Skype Bilateral BUILD2LC Meeting and advices as presented by Brian Canning, Severn Wye)

Implementation steps

- Start of the project „Fair solutions for better community” (2018-2020)
- Training of students
- Conference
- Analysis of data
- Development of model
- Drafting of the EP action plan
 - Round tables + participation

Action 5: Energy Efficiency Obligation of Distributers/Retailers

Summary

- Energy Efficiency Act Article 3 (Directive Article 7)
- Not implemented (no bylaw) + question of obligation Distributors vs Retailers dilemma
- Possibility to include social criteria in the bylaw

Good practices learnt / identified

- UK obligation (as discussed in Gloucestershire and during Bilateral meeting)

Implementation steps

- Advocacy for development and adoption of the bylaw
- Development of social criteria

Action 6: Prosumers and Co-operatives as a tool for tackling energy poverty

Summary

- Clean energy package
- Mainly PV systems
- Innovative solutions for financing (crowdfunding/crowdinvesting?)
- Boosting employment and local economy + reducing energy poverty

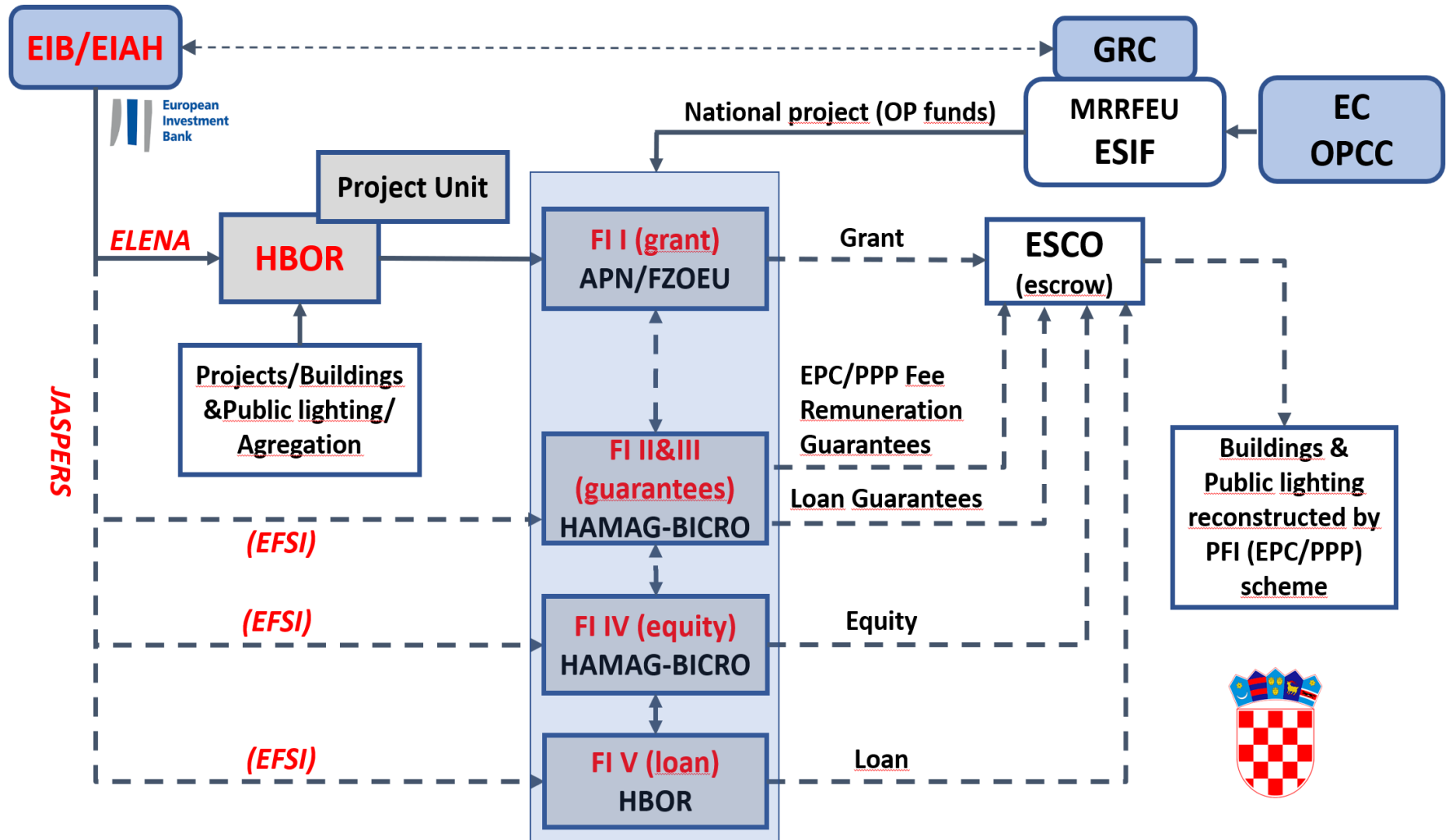
Good practices learnt / identified

- As discussed during Gloucestershire visit

Implementation steps

- Analysis of existing examples
- Analysis of Croatian legislation
- Facilitating discussion
- Pilot projects

Action 7&8: Establishment of FIs & Project Pipeline



Action Plan Summary (1)

Action name	Topic(s)	Cost and funding source	Timeline	Main stakeholders
1. Energy Efficiency Retrofits for Family Houses in Croatia	Energy efficiency; retrofits;	30 million EUR EU Operational Programme Competiveness and Cohesion 2014-2020 FZOEU? LAs? Private persons	September 2018- December 2019	Ministry of construction and physical planning Ministry of environment and energy Ministry of demography, family, youth and social policy Environmental Protection and Energy Efficiency Fund Savings banks Local and regional authorities
2. Energy advisors for energy poor households	Energy Advice Low Cost EE	116.0000 EUR (by end of 2018) Environmental Protection and Energy Efficiency Plan ; LAs	September 2018- December 2019	Ministry of environment and energy Environmental Protection and Energy Efficiency Fund Local and regional authorities
3. Program for eradicating energy poverty	Policy/Strategic document Measures Definitions	27.000 EUR Environmental Protection and Energy Efficiency Fund	September 2018- December 2019	Ministry of construction and physical planning Ministry of environment and energy Ministry of demography, family, youth and social policy
4. Energy Poverty Action Plan for City of Zagreb	Policy/Strategic document Measures Definitions	215.000 EUR FER rješenja (ESF) City of Zagreb	September 2018- March 2020	City of Zagreb University of Zagreb Faculty of Electrical Engineering and Computing DOOR, REGEA
5. Energy Efficiency Obligation of Distributers/Retailers	Energy Efficiency Savings Social criteria	N/A BUILD2LC	September 2018- December 2019	Ministry of environment and energy DOOR, REGEA
6. Prosumers and Co-operatives as a tool for tackling energy poverty	Clean energy package Innovative mechanisms	N/A RMPPI BUILD2LC	September 2018- September 2020	University of Split Faculty of Electrical Engineering, Mechanical Engineering and Naval Architecture DOOR REGEA

Action Plan Summary (2)

Action name	Topic(s)	Cost and funding source	Timeline	Main stakeholders
7. Establishment of FIs	Financial instrument; Energy retrofit of buildings; EPC/ESCO, PPP	250+ million EUR ESIF EIB/EFSI Private capital	September 2018- December 2020	Ministry of Regional Development and EU Funds Ministry of Construction and Physical Planning Croatian Bank for Reconstruction and Development Fund for Environment Protection and Energy Efficiency Local and regional authorities
8. Project Pipeline	Detailed energy audits; Project aggregation/bundling	10 million EUR ESIF (TA) EIB (TA)	September 2018- December 2019	Ministry of Regional Development and EU Funds Ministry of Construction and Physical Planning Local and regional authorities



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Thank you!

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