Setting up energy cooperatives in Croatia and
Project CITIZENERGY

Sifnos, Greece, September 9th, 2014
Energy cooperatives project

- Organized 15 seminars across Croatia, developed web site, Manual on setting up energy coops;
- International conference „100% renewable energy on islands” in cooperation with REScoo project;
- As a result, in 2013, ten energy coops started in Croatia
- All energy coops are in early stage, and new financing opportunities are needed to help make them stronger
- Focus of cooperatives: biomass, PV, electro mobility, biogas, wind, energy efficiency in buildings...
Energetske zadruge
Zajedničko uLAGANJE u oDRŽIVI RAZVOJ

Što su energetske zadruge?
Energetske zadruge su udruženja lokalnih aktora (njihovih, kompanija, javnih ustanova, lokalnih samouprava itd.), koji zajednički razvijaju projektne obnovljive izvore energije. Zajedničkim uLAGANJEM, znamo se razvoj investicija i dvije se dobro od projekta.

Energetska zadruga pruža domaćim tvrtkama Dodatno odlučivanje o energetskim pitanjima. Glog takvih zadruga je promovisati obnovljive izvore energije u članovima lokalnih zajednica.
New environment for energy cooperatives

- Lack of subsidies for renewables
- Except in Western Europe, energy cooperatives not recognized from Government level as opposed to big investors
- Often good ideas lacks financing
- Barriers for RES support: quotas, new taxes
- At the same time, renewable energy is getting cheaper and cheaper
Three options to explore

- Crowdfunding – getting money from many sources
- Net metering – the price of electricity from PV is already competitive to the price of electricity from the grid
- Energy cooperative as energy supplier
Crowdfunding for the school in Croatia

Help us reach our goal!

- Costs to replace the existing bulbs with energy efficient ones: $4800
- Costs to build up a 10 KW solar PV plant: $19800
- Local Community donations: $3000
- Sunny concert: $1800
- UNDP grant: $15000
- INDIEGOGO so far: $6160

http://igg.me/at/solar-school

Please help us make this school
ENERGY INDEPENDENT
http://igg.me/at/solar-school
Crowdfunding for the school in Croatia

Collected:

• 10,000 USD from crowdfunding on Indiegogo
• Additional 25,000 USD crowdfunding directly
• Additional 45,000 USD from local authorities
• Expected additional 30,000 USD from Environmental Fund
citizenergy

european citizens for renewables

visit us on citizenergy.eu
Project CITIZENERGY summary

Development of an online platform to serve as EU-wide marketplace for citizen investment in RES projects

- CITIZENERGY is a project that builds on know-how developed within the EU to implement citizen renewable energy projects

- CITIZENERGY will:
  - promote synergies between projects
  - identify barriers to citizen investment
  - promote the European transfer of main business models
  - match citizen investors with new RES projects in Europe
Project CITIZENERGY target

• Example: energy cooperative has 10% of the money for investments
• Puts its project on CITIZENERGY platform and collects other financing
• The CITIZENERGY platform is expected to raise 14.6 million euros by 2017, representing 6,000 citizen investments from 10 European Member States
Net metering

Net Metering

Utility Power Plant
- can raise rates/fees -

Regular Bill

Regular Bill

Net metering

Net metering
Net metering

• Example: 1 kWh from the grid in Croatia costs the same amount as 1 kWh from own solar system
• The only needed thing is energy supplier that would agree to buy from the customer at the same price at which it sells
• So the net metering is consumption minus production!
Energy cooperative as energy supplier

- There are good experiences with energy cooperatives becoming suppliers (Western Europe)
- Like this, it is possible to ensure RES is built, and sold to cooperative members
- Could be managed on a small scale – providing energy at the same costs to the customers, but also being co-owned by the customers
Thank you!

Expecting questions now and later?

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