

MORE - Market of Olive Residues for Energy

WP2 – Involvement of key market actors

ROADMAP & RSC ACTIVITIES

*MORE 4th Steering Committee Meeting
Koper, Slovenia, 6-7 April 2009*



1. LEGISLATION

PROBLEMS

- Evident problem in Croatia is undefined legislation concerning olive residues management
- Olive residues are mostly treated as a waste; in a very few cases olive residues were used as raw material for energy production (domestic purposes)
- Disposal of waste with more than 35% of biomass content at the waste repositories is forbidden (NN117/07)

POSSIBLE SOLUTIONS

- It is necessary to initiate the changes in national policy for treating olive residues as by-product,
- To initiate common national declaration/initiative that RSC have to set out
- To involve authorized services (inspection offices etc.) in the control and monitoring of olive residues disposal

1. LEGISLATION

BY WHOM

- The main stakeholders that should be involved in these activities in the region are: Istrian olive business cluster, local and regional authorities together with National Association of olive growers and olive oil producers, supported by RSC members
- Ministry of Environmental Protection, Physical Planning and Construction
- Fund for environmental protection and energy efficiency
- Ministry of Agriculture, Fisheries and Rural Development
- Ministry of Justice

EXPECTED RESULTS/IMPACTS

- Changes in legislation will improve the use and treatment of olive residues as a biomass and RES and not as waste

2. TECHNOLOGY USED

PROBLEMS

- **Relatively low olive residues quantities, dispersion and seasonality of olive residues production - high transport and technology costs**
- **presence of different milling systems with different residues content**

POSSIBLE SOLUTIONS

- **Considering raw material problems it could be suggested that one olive cake collecting centre and pilot plant will be sufficient for the temporary region's needs**
- **Different biomass combining is one of possible solutions for the region**
- **Possible solution could be integrating with existing plant for waste disposal in Poreč "Košambra"**
- **Optimal technology selection depends on business plan's results**

2. TECHNOLOGY USED

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- Synergy between all stakeholders involved is a key factor for optimal technology applies in the region
- Local society
- Cement plant "Koromačno"
- Composting by family farms or SME's
- Association of olive growers and olive oil producers

EXPECTED RESULTS/IMPACTS

- Possible concept for pilot plant for treating olive residues as raw material for energy, in the region

3. MARKET DEVELOPMENT

PROBLEMS

- Lack of “olive residues – energy” market in Istria/Croatia

POSSIBLE SOLUTIONS

- Individual using olive residues for energy purposes in SME's
- Olive residues composting (energy alternative)???
- Using olive residues as a raw material for energy production in regional cement producing plant

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- Small and medium olive growers and olive oil producers
- Regional cement plant
- Association of olive growers and olive oil producers

EXPECTED RESULTS/IMPACTS

- Increased interest for olive residues as raw material
- Better handle with olive residues, olive residues-energy market development

4. EDUCATION & PROMOTION

PROBLEMS

- Low level of public awareness
- Insufficient interest or initiatives of local and national authorities

POSSIBLE SOLUTIONS

- Raising public awareness through education and promotion on local and national level is a key element for the successful use of olive oil production residues for renewable energy purposes in the Region.
- As a contribution, some of the RSC members M.O.R.E. have already promoted project activities in the Istrian Region EUROINFO Newsletter that have significant impact on the local level. Other RSC members also suggested concrete activities like organizing periodical workshops in Regional Chamber of Economy, local networking activities etc.

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- In the framework of the M.O.R.E. project some education/promotion activities, such as training sessions, distribution of promotional material, press conferences, press realizes etc., were initiated by members of RSC

EXPECTED RESULTS/IMPACTS

- Awareness and increasing public interest for waste management and possibility to use olive residues for energy

EIE project MORE - Poreč, 23rd February 2009
2nd RSC MEETING MINUTES

Agenda:

- Short overview of MORE activities in 2008/2009
- Definitions of problems and tasks, possible solutions and stakeholders involved in following segments: legislation, technology, market and education/promotion
- “Roadmap” of local activities

EIE project MORE - Poreč, 23rd February 2009 2nd RSC MEETING MINUTES

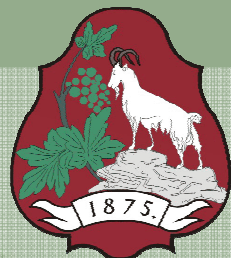
- Roadmap was defined as a “strategic/political” document to be developed and supported by the RSC on how to promote and implement the use of solid olive residues for energy in each of the areas involved in the project. It should be a sort of a guide of proposed suggestions and activities decided by RSC. Aforetime RSC conclusions will be used as a starting point for the local “Roadmap” creation.

General conclusion:

- It was agreed to disseminate meeting conclusions and Roadmap draft to all RSC members by e-mail, so they can add their comments and feedback and in such way actively participate in common national declaration/initiative that RSC have to set out.



Thank You!



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