

Intelligent Energy Europe



- European funding for RE and EE projects
 - Part of CIP
 - Managed by EACI
- Tackles ‘non-technical’ barriers
 - behavioural change
 - improving business environment
 - raising awareness of EU energy policies
 - Helping to meet 2020 targets
- Annual call for proposals
 - SAVE
 - ALTENER
 - STEER
 - Integrated Initiatives
 - range of priorities



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REFrACT



‘Recovering Energy From Advanced Conversion Technologies’

- Partners
 - UK, Netherlands, Sweden, Poland, Italy, Spain, Romania
 - Consortium based on shared expertise and common aims
- Rationale
 - Lots of IEE funded biomass projects
 - Few on ACTs or district heating
 - Emphasis on sustainable biomass
- EfW from incineration requires large scales (>200,000 tpa)
 - Technical and economic constraints of WID compliance
 - Difficult to make good use of heat output
- ACTs can be viable at smaller scales (<50,000 tpa)
 - Towns and urban extensions can provide suitable heat loads
 - District heating improves system efficiency and economics
 - Promotes local waste strategies
 - Preserves ‘clean’ biomass stocks for smaller boilers



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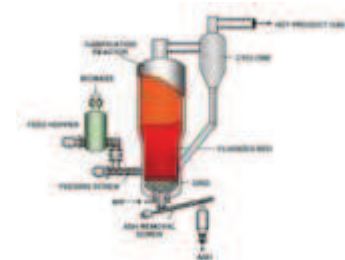
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REFrACT



Project aims

- Informing current and potential stakeholders
 - Identify knowledge gaps, technology and literature review
 - Covering generation and distribution
 - Develop regional ACT and DH 'libraries'
- Improving early awareness of development potential
 - Methodologies for assessing heat loads and fuel
 - Benchmark plants and areas of application
 - Barriers and opportunities, legal and financial
- Actions to accelerate market development
 - Stakeholder events, dissemination and study tours
 - Early stage viability tool, individual project support



Secure commitment for development of three ACT sites

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