

ENERGY

On the commercialisation of the biomass torrefaction technology

Marcel Cremers

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Ungraded

Industry consolidation

DNV·GL



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Commercialization of biomass torrefaction technology

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The torrefaction principals



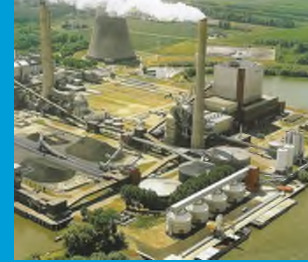
biomass



torrefaction plant

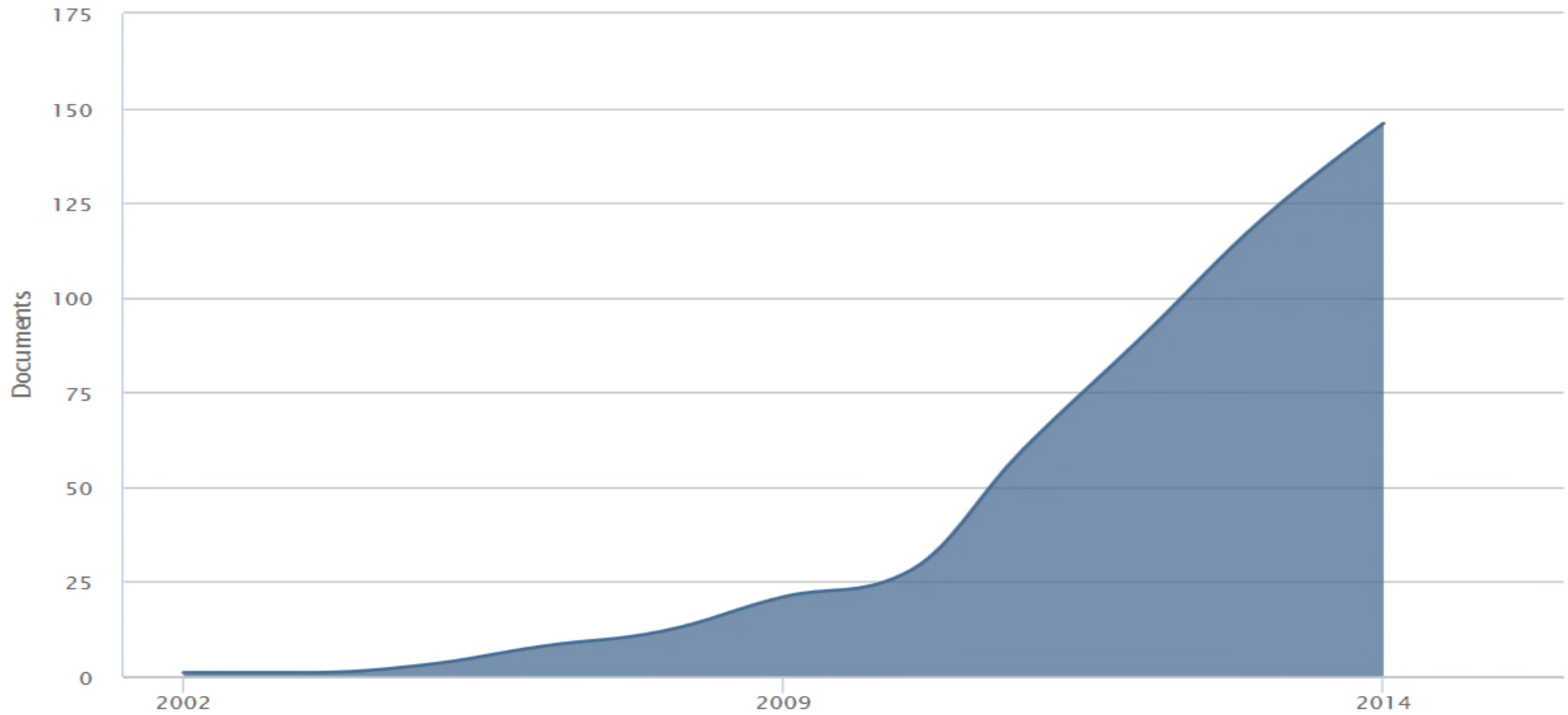


fuel



power plant

Current situation

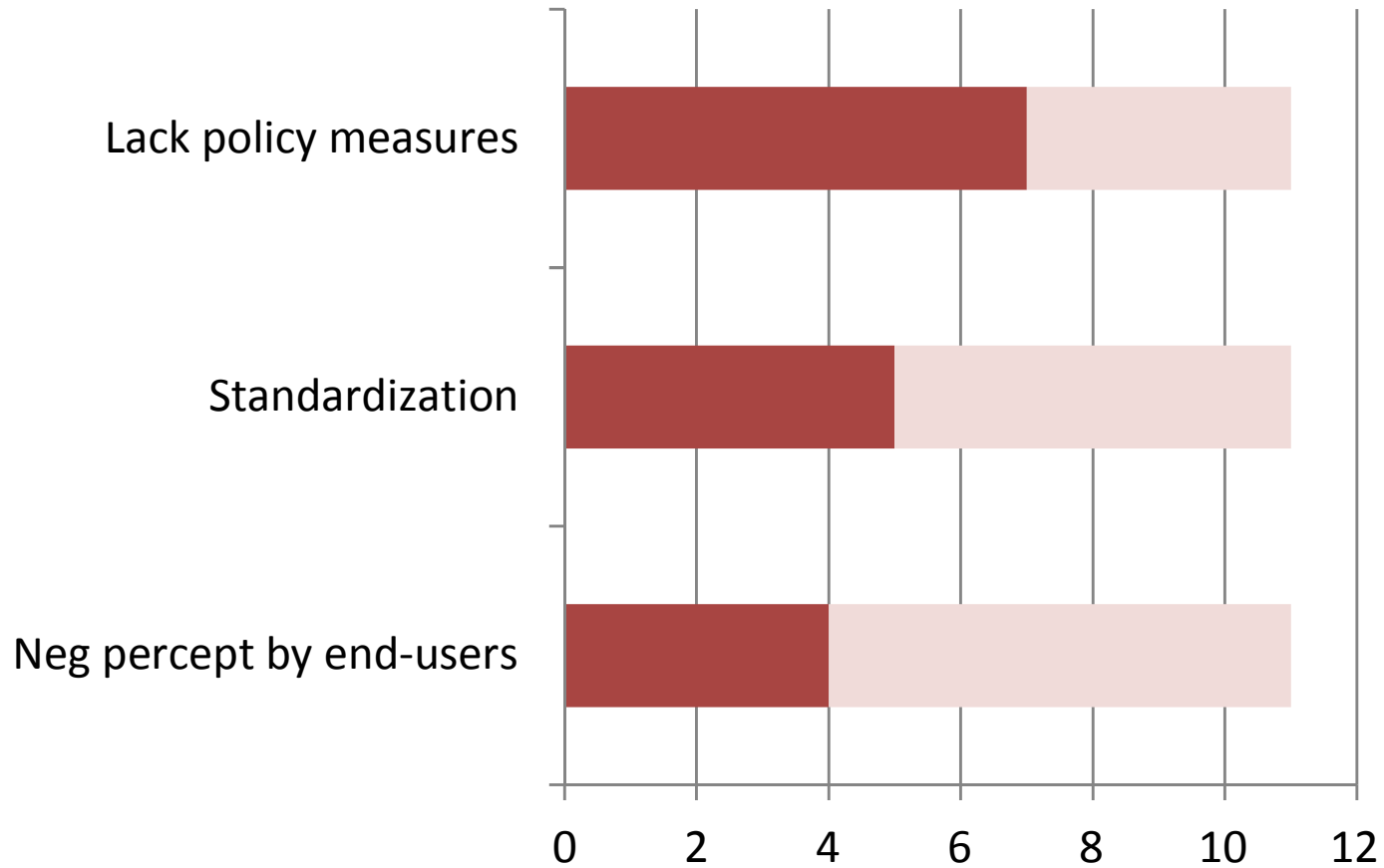


- Progress rating 5.7 out of 10

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Restrictions

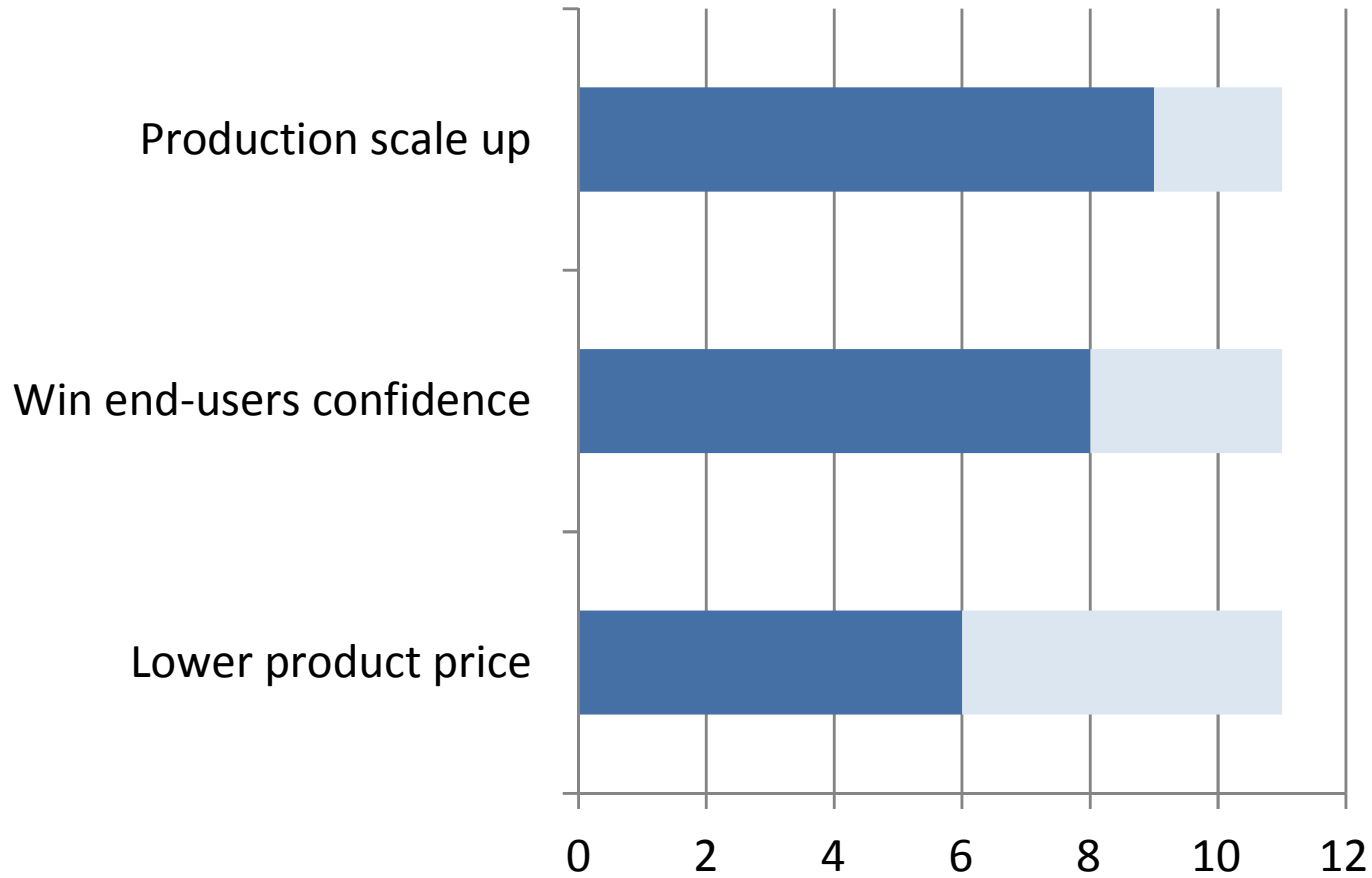
Top-3 restrictions (nr of responds, **yes**, **no**)



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Enablers

Top-3 enablers (nr of responds, **yes**, **no**)

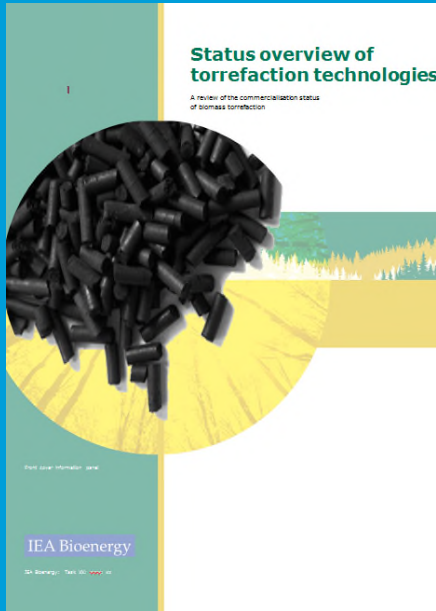


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Possible next steps

- Trust
 - Success story
- Commodity
 - Product standard
 - Tradable, remove barriers
- Sales
 - Market development, including chain
 - Offtake contracts / take away risk from developers
 - Cost reduction (by development and scale)





**COMING SOON:
New status report**

<http://www.ieabcc.nl>

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SAFER, SMARTER, GREENER

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