

LA INICIATIVA INDUSTRIAL EUROPEA EN BIOENERGÍA: ACELERANDO EL DESARROLLO COMERCIAL DE LOS BIOCOMBUSTIBLES AVANZADOS

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Bioenergy is to play a key role in the EU long term energy strategy for all applications and especially the transport sector. It will contribute up to 14 % of the EU energy mix and up to 10 % of energy demand in transport in 2020. Feedstocks and bioenergy production technologies, which are currently deployed, already provide a significant contribution, but will not be sufficient to reach these targets.

Significant R&D and pilot activities have been developed in the past decade in EU Member States to enlarge the feedstock basis and to develop processing technologies able to minimize overall energy consumption and meet EU sustainability criteria. Given the scale of investment needed and the risks involved (technology, feedstock & end product prices, regulatory framework evolution), financing the latest stages of development of innovative bioenergy technologies is a major obstacle for large scale industrial deployment of these technologies.

The purpose of the European Industrial Bioenergy Initiative (EIBI) is to enable commercial availability of advanced bioenergy at large scale in 2020. The core activities of the EIBI aim at building and operating both demonstration and commercial plants for innovative bioenergy value chains (based on thermochemical and biological technologies). They have large market potential but they are not yet commercially available.