



SPIRE Pre-Brokerage event

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***EFFICIENT RECYCLING PROCESSES FOR
PLASTIC CONTAINING MATERIALS***

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- › Private, non-profit making institute for applied research and development
- › Located in Düsseldorf, Germany
- › Leading provider of application-focused R&D in the **Iron & Steel industry**
- › Short and medium term research originated by industrial production topics
- › Large national and European network (research and industry)
- › Staff of 100 people with very high academic degree



Deep understanding of production processes



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CONTRIBUTION TO PROJECTS

CE-SPIRE-10-2018: Efficient recycling processes for plastic containing materials

1. Inductive heated recycling process for recovery of carbon fibers from carbon composite residues
2. Utilisation of plastic waste as binder for agglomeration of steelwork residues
(utilisation of plastic waste bounded briquettes in high temperature processes)

EXPECTED IMPACT

(CE-SPIRE-10-2018)

- Significant increase of resource efficiency



EXISTING PROJECT CONSORTIUM

Iron & Steel industry is interested to contribute.
Ongoing discussions with industry partners.

LOOKING FOR PARTNERS

Partners complying with the project ideas and scopes are welcome.

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