

# Reflexic

## Resource Flexibility in Industry Chains

### What challenge or problem are you addressing? What is the need for the project?

The rising demand for raw materials is a great issue for the EU, in terms of economic as well as environmental (decarbon) future perspectives. Industries need to improve and innovate on materials and resource efficiency and implement new solutions and models on how to use and reuse resources, and organize manufacturing and business processes in a resource efficient way. This issue is very relevant in f.e. metal, plastics and smart industry.

Materials and Resource efficiency and flexibility can be achieved in geographical as well as organizational ways. For example, by exchanging (raw) materials between and within value chains, between different countries and regions, or by designing resource efficient products, that lead to a lower carbon footprint.

### Objective of the project:

The objective is to stimulate cooperation within metal and plastics manufacturing value chains by developing and implementing solutions for new ways of use/reuse and exchange of materials and resources between companies and manufacturing industrial chains across NWE. And by also introducing new solutions and business models that strengthen flexibility in the use of materials and resources.

### Why do you need transnational cooperation?

Flexible use of resources is a topic of growing importance within modern day industries and can be strengthened by exchanging possible solutions and knowledge to develop new, sustainable chains of resource use within and between regions.

Information on resource availability, scarcity and abundance is an international issue, but also supplying of materials and resources. By working closely together on a transnational level, misfits can be avoided and hidden opportunities on “decarbonized” use of resources be made visible. This will be basis for a transnational exchange of resources and materials.

Knowledge on circular business models and product design to improve reuse and exchange of materials is internationally in development and very relevant to exchange between SMEs.

### Types of partners:

Organisations that support and stimulate the transition towards reuse and exchange of resources and raw materials. For example, branch (metaelectro industry) organisations and organisations that stimulate Circular economy activities, and that include SMEs and experts within the field of CE.



### Your contact details

<b>Name</b>	Jan Jonker
<b>Organisation</b>	East Netherlands Development Agency
<b>Country</b>	The Netherlands
<b>Telephone number</b>	+31(0)6 288 76 079
<b>Email</b>	<a href="mailto:Jan.jonker@oostnv.nl">Jan.jonker@oostnv.nl</a>

