



European Union  
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**REPLACE**  
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## REPLACE LOCAL ANALYSIS

*Province of Fryslân*

provinsje fryslân  
provincie fryslân 

### Description

The local analysis in Fryslân focusses on circular economy in Frisian education (vocational, applied sciences and university) while using the water technology and plastics industry as parameters. Furthermore, using the SCREEN Mapping tool, value chains in those three sectors have been identified.

### Stakeholder engagement

A combined method of both desk and field research has been adopted for the analytical study. Regarding the field research, stakeholders throughout the triple helix have been interviewed: business, government, education institutes and NGO's such as the Circular Friesland Association [This is the circular story of Friesland - Association Circular Friesland \(circulairfriesland.frl\)](http://circulairfriesland.frl)

### Results




As for the parameters water technology and plastics in education, the results are promising. Many initiatives, projects and knowledge institutes are available in the region. Especially water technology, design/ construction and technical studies integrate circular economy in lectorates, projects, minors and internships. Followed by business and hospitality studies, also because there are many crossovers between water technology/ plastics and business/ hospitality.

There is a growing number of education institutes working together with regional business and government under the header of Spark the Movement. Recently, the region Fryslân has been awarded the title 'Regional Centre of Expertise on Education for Sustainable Development [Home - Be a Spark - Join the movement \(sparkthemovement.nl\)](http://sparkthemovement.nl)

On the business level, a growing knowledge cluster among the theme of circular plastics has been identified. The National Test Centre of Circular Plastics located in Heerenveen (Fryslân) is a research centre for improving the sorting and recycling of plastic packaging and offers new and necessary opportunities for knowledge, cooperation and innovations within the plastic chain. [National Test Centre Circular Plastics | NTCP](http://nationaltestcentre.nl)

A well known enabling sector for the circular economy is water technology. WaterCampus Leeuwarden is the hub of the Dutch water technology sector and fulfils a sector-crossing role within Europe. [WaterCampus](http://watercampus.nl)

### Focus Sectors

-  Plastics
-  Water technology
-  Education

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