



A project supported
and funded by



What if the circular economy was made operational for industry?

BE CIRCLE helps design and transform industrial parks
to close resource loops and improve environmental
performance and competitiveness

Industrial park Höchst managed by Infracorv.
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www.be-circle.com



be circle supports industrial ecosystems in their transition towards a **circular economy**

BE CIRCLE is a consulting service based on a web platform. It has been designed to help build industrial synergies that increase resource use efficiency and competitiveness.

INNOVATION FOR CIRCULARITY

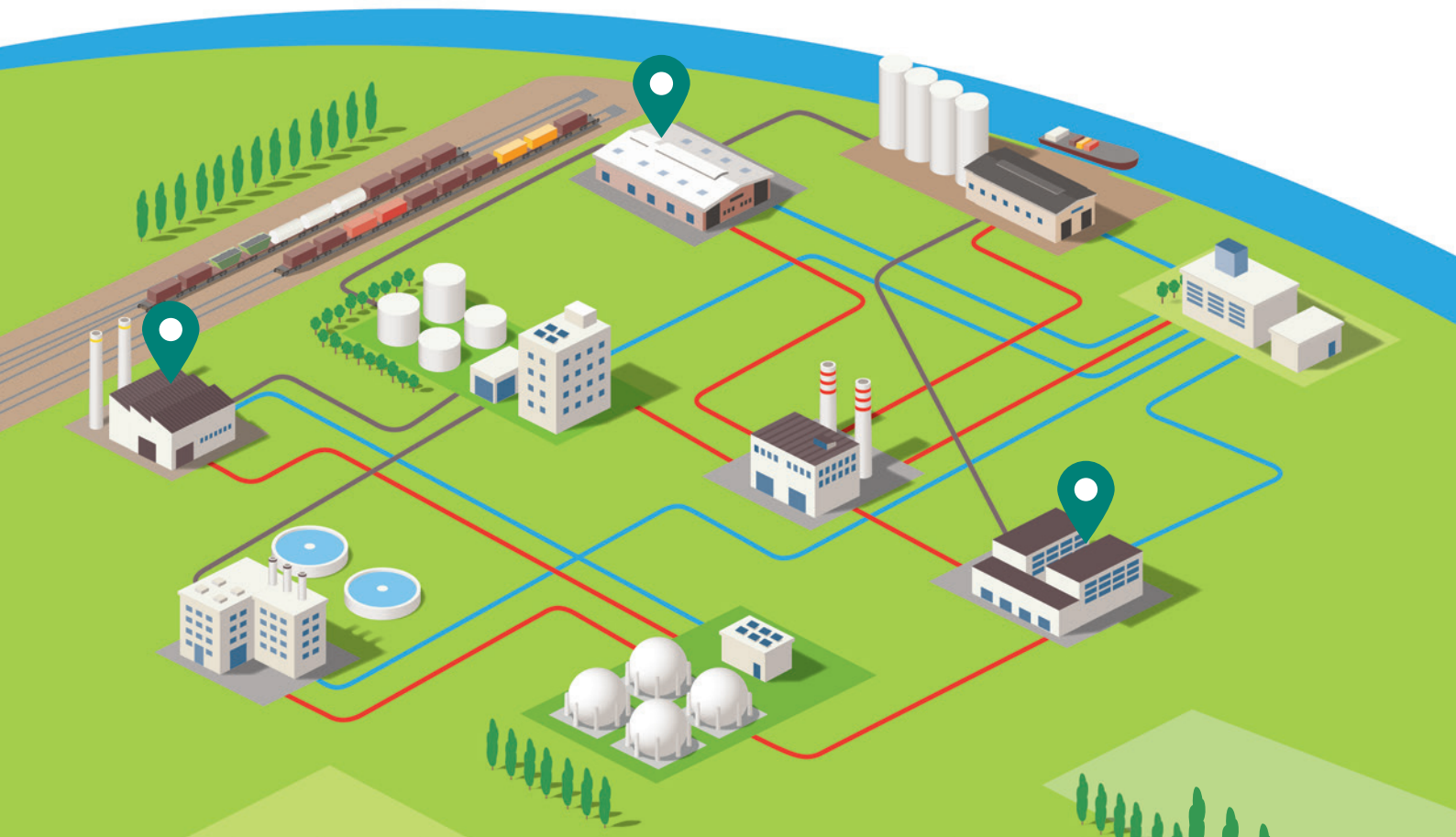
BE CIRCLE combines data visualization and systems modeling, to create both strategic mappings and advanced simulations

BE CIRCLE is a “multi-flow, multi-network and multi-sector” solution for opening up industrial parks activities and identifying hidden potentials for value creation

BE CIRCLE is easy to use and implement thanks to a full web access and open and generic data use, which facilitates collaboration with partners



Waterway transportation on the Rhône River.
© CNR



Industrial gas recovery
at Port of Dunkirk (DK6).
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Generate your local ecosystem
to visualize nearby industrial
facilities and identify
material, energy and water
streams exchanged



Improve your territorial
integration by identifying
strategic industrial synergies
and partnerships



Assess resource supply and
commodity management
scenarios thanks to economic
and environmental KPIs (CAPEX,
OPEX, use of renewables, GHG
emissions, water circularity, etc.)

— Energy

— Water

— Materials

 Industrial node

KEY FIGURES

6 partners

3 experimenters

2 years of development,
from 2017 to 2018

BE CIRCLE has been
tried out by three European
industrial parks

DUNKERQUE
PORT
Grand Port Maritime de Dunkerque

Dunkerque
Grand Littoral
COMMUNAUTE URBAINE

infraser
höchst

INSPIRA
ESPACE INDUSTRIEL
RESPONSABLE ET MULTIMODAL



PRIZES AND NOMINATIONS



BE CIRCLE was awarded the Jury's special Prize during the "Rencontres de l'Économie Circulaire" in Lyon on June 4, 2018.

BE CIRCLE was nominated for the EIT Awards 2018 in the Innovators category.

Contact: ENGIE Lab CRIGEN

361, avenue du Président Wilson
93211 Saint-Denis La Plaine - France
Delphine Antonucci
delphine.antonucci@engie.com
Phone: +33 (0)1 49 22 53 93
Cell: +33 (0)6 73 63 46 88

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BE CIRCLE PARTNERS

- ENGIE, as project leader, is in charge of project strategy, coordinating the partners, functional specifications, communications and business strategy. ENGIE is also leader of BE CIRCLE testing at Port of Dunkirk.
- ARX IT leads platform development.
- École Polytechnique and Provadis Hochschule lead business model & plan development.
- Provadis Hochschule leads BE CIRCLE testing at Infraserv Höchst Industrial Park.
- INSPIRA and CNR lead BE CIRCLE testing on INSPIRA's territory.

