



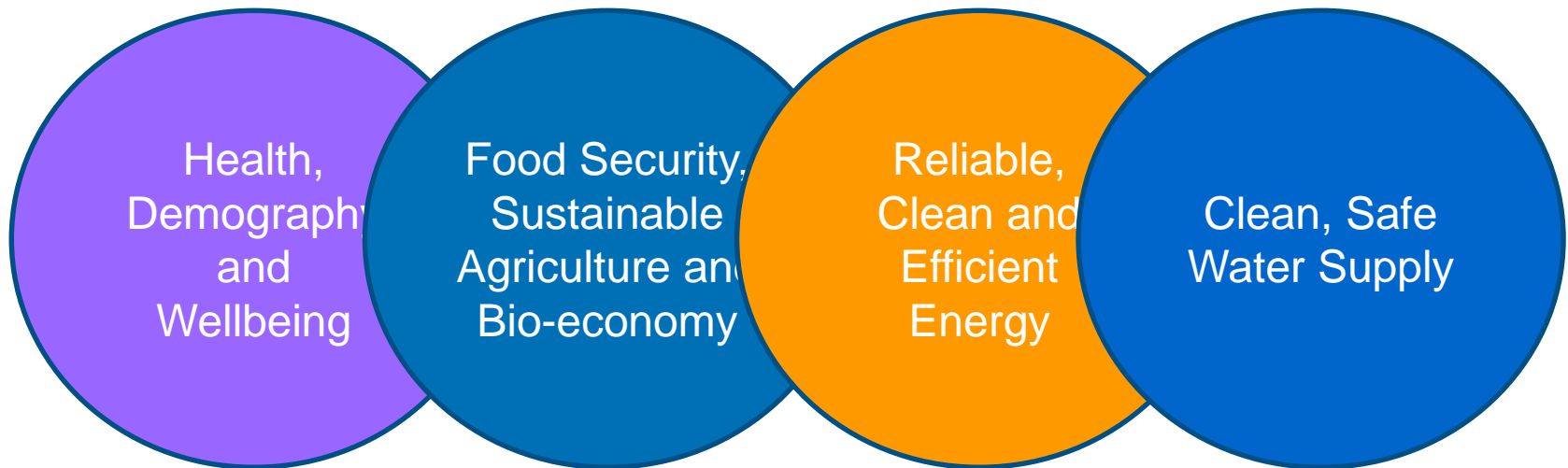
Entrepreneurial Discovery Process: Water technology cross-overs

ADR Nord-Est
Unirea Hotel, Iași
2016-06-06

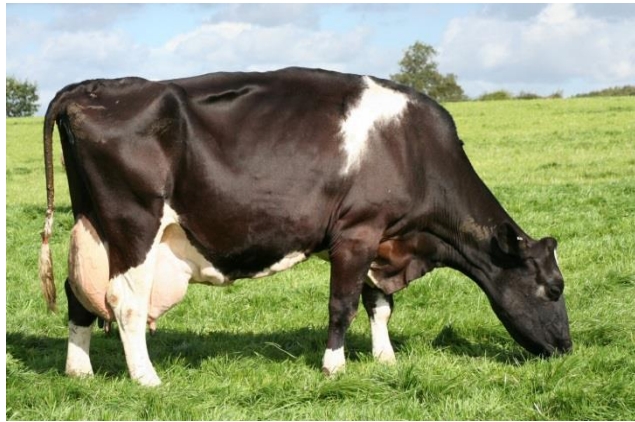
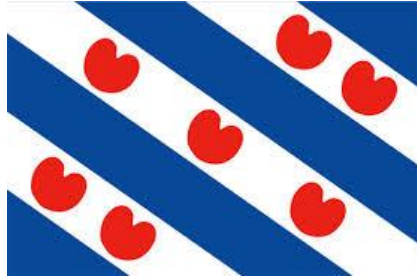
Pieter de Jong
Wetsus EU Office
pieter.dejong@wetsus.eu



RIS 3 Northern Netherlands: Health, Food, Energy and Water



Fryslân: land of Milk & Water

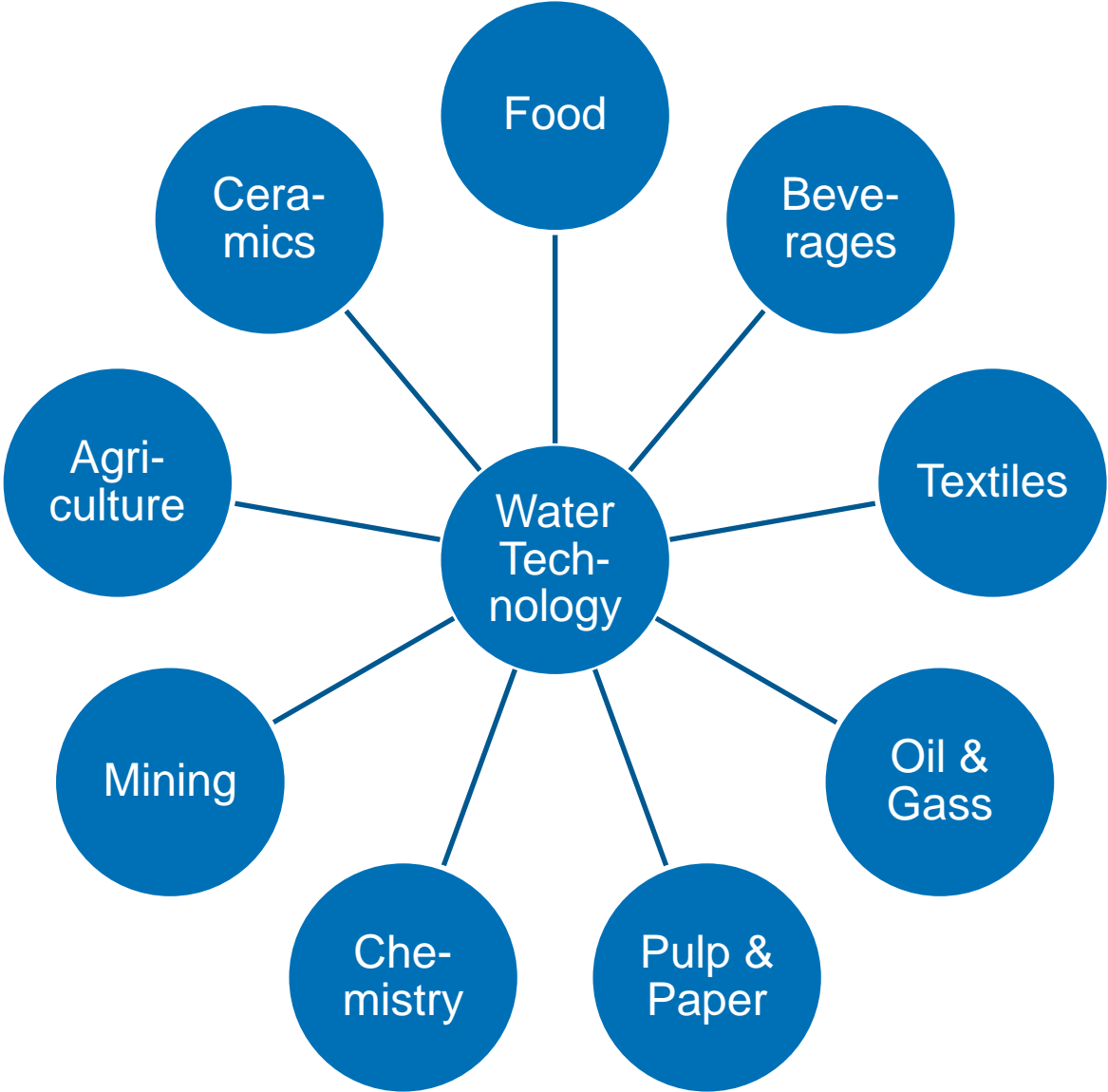


Water in the Circular Economy

“Water is the single most important shared resource across all supply chains, and wastewater is the largest untapped waste category—as big as all solid-waste categories taken together—it is the natural starting point for the circular revolution.”

Stuchtey, McKinsey company

Cross-Overs



Wetsus Company Participants

ABENGOA WATER

Algae
Food & Fuel

AlgaeBiotech

alliander

love every drop
anglianwater

AQUACARE EUROPE BV

THE AQUA NIRVANA
FOUNDATION

ARCADIS
Infrastructuur, milieu, gebouwen

AVEBE

BIQUA

BIOTRACK

brabantWater

Bright Spark

BTO

berson
masters in uv

desah

DMT

DOW

Duplaco

Dutch
Rainmaker

EasyMeasure
For simple, tailor made solutions

EFC
separations

esco
european salt company
Frisia Zout B.V.

evides

FeyeCon

FrieslandCampina

DE FRIESLAND
ZORGVZERKEAAR

FUJIFILM

GRANDER
Beteres Water

IPF
Implosions
Photonenfeld
Forschung

Grontmij

GRUNDFOS

a.hak

HDM
PIPELINES

Heineken
International

HUBERT
STAVOREN

AICL
Where needs take us

ZORC
centrum
infectieziekten
friesland

kemira

Landustrie

Lionix

MAGNETO
SPECIAL ANODES B.V.

MAST

NESTE OIL

oaseo

Paqell.

PAQUES

Pentair X-Flow

PHILIPS

PureGreen

PWN
PWN. Puur water en natuur.

RED STACK

Shell

SOMUT

stowa
STICHTING
TOEGEPAST ONDERZOEK WATERBEHEER

TROJAN UV

Unilever

VECOY
precision metal

Vitens

Voltea

Waterbedrijf
Groningen

wln
waterlaboratorium | noord

WMD
water

WATERSCHAP
Hunze en Aa's

Waterschap NOORDERZIJVEST

WETTERSKIP
FRYSLÂN

wetsus

Companies from other countries

UK

Anglian Water
HAPPS
Mast Carbon
Berson UV

Germany

Skion
Esco Salt

Denmark

Grundfos

USA/Canada

General Electric
DOW
DC Water
Trojan UV

France

Veolia Eau
Aqua Nirvana
Laborelec-Engie

Saudi Arabia

Sabic

Japan

Fuji
Kurita
Kuraray

Austria

IPF
SNT

Israel

ICL

Ireland

O₂Environmental

Spain

Abengoa

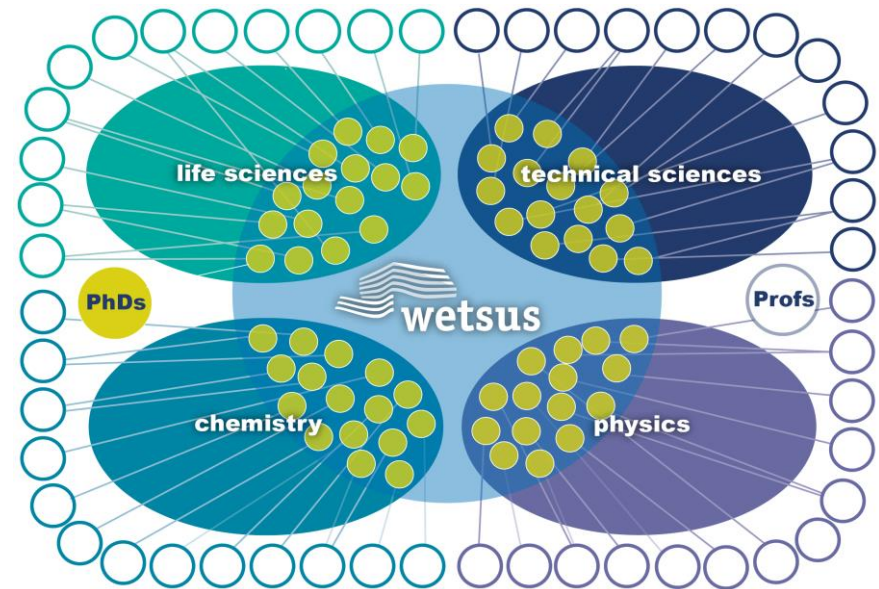
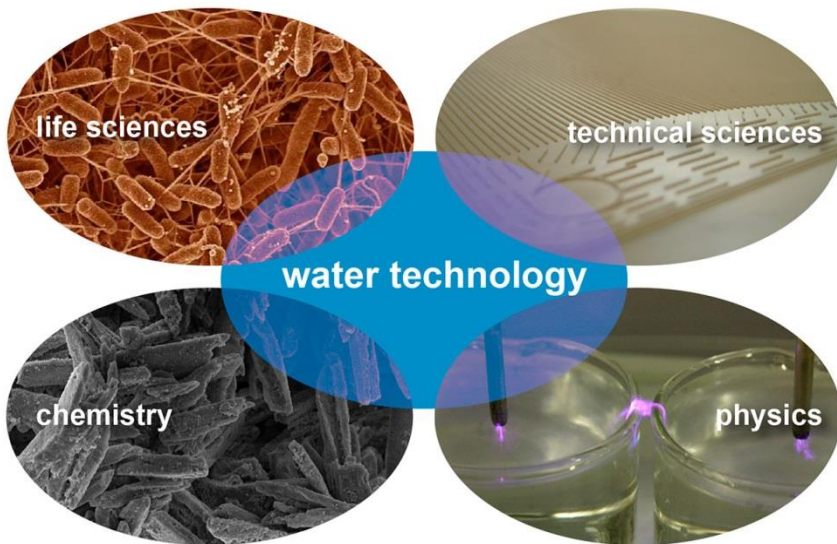
Finland

Kemira
Neste Oil

Norway

Yara

Wetsus Science Model



European Centre of Excellence

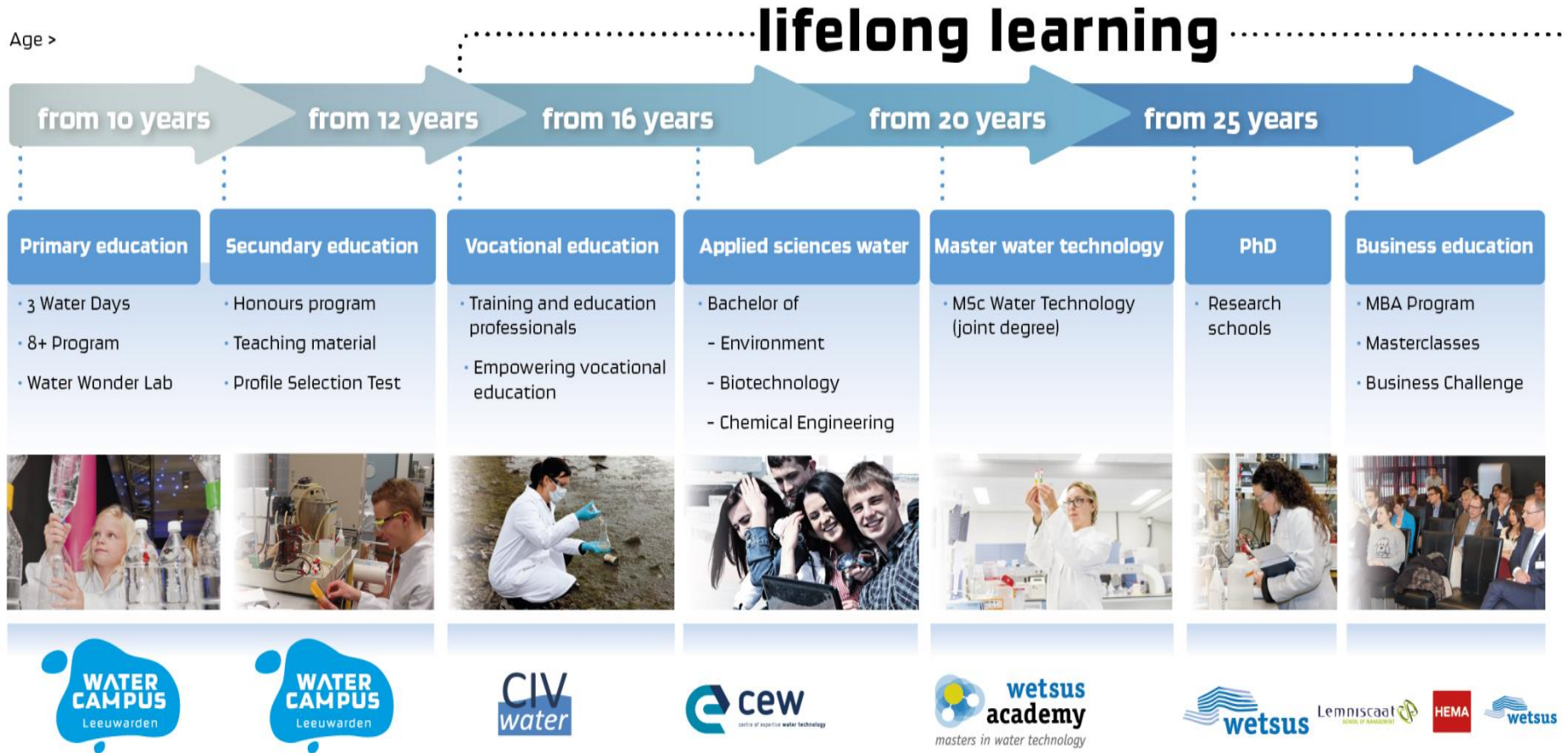


2003



2016

Connecting Talent



Creating Spin-Offs

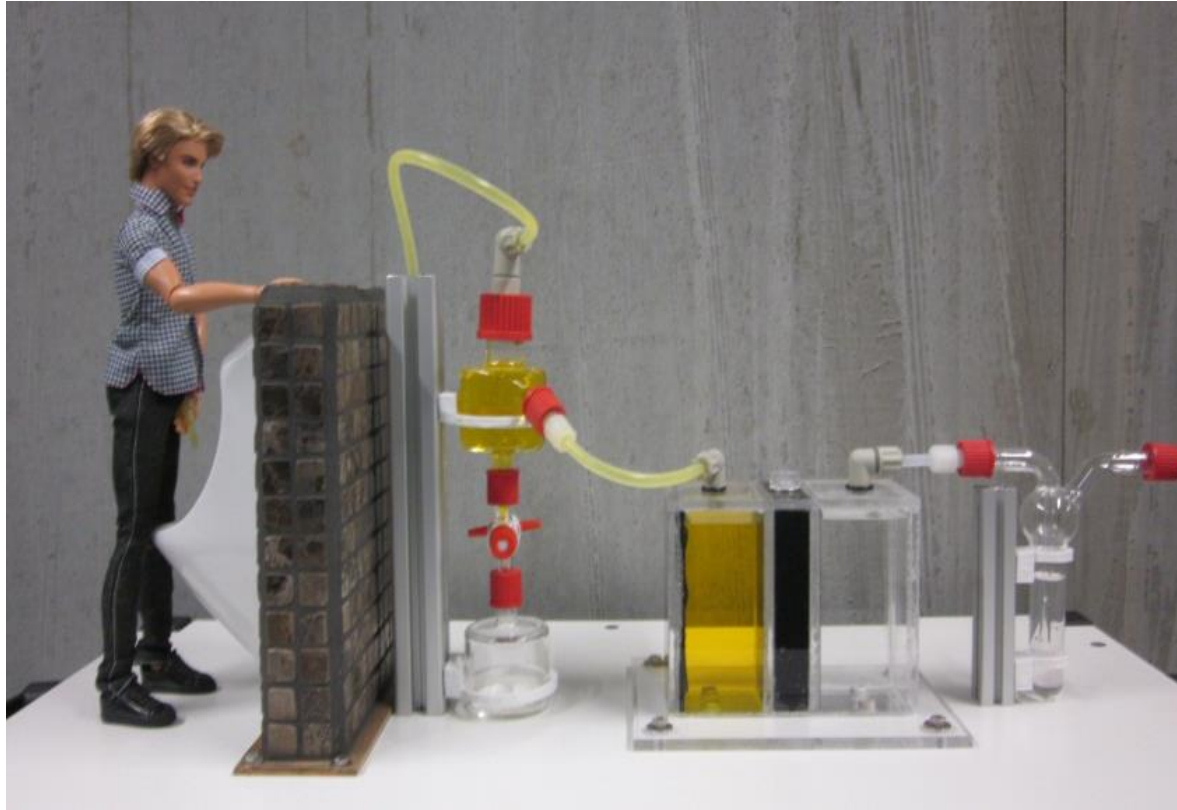
Wetsus spin-off companies

• REDstack	• Automatic Electric Europe Special Products
• DeSaH	• HydrOwashr
• Westt	• Salttech
• Aqua Explorer	• Biotrack
• Dutch Rainmaker	• TailTec
• EasyMeasure	• ExtIns Technologies
• Water ProMaSys	• Aiforo
• Capilix	• Duplaco
• Pure Green	• Somut
• Smart Frequencies	• Wisect
• Water Waves	• Djipper
• Metal Membranes	• High Voltage Water
• AquaBattery	

Water & Energy



Food & Water → Energy & Agriculture



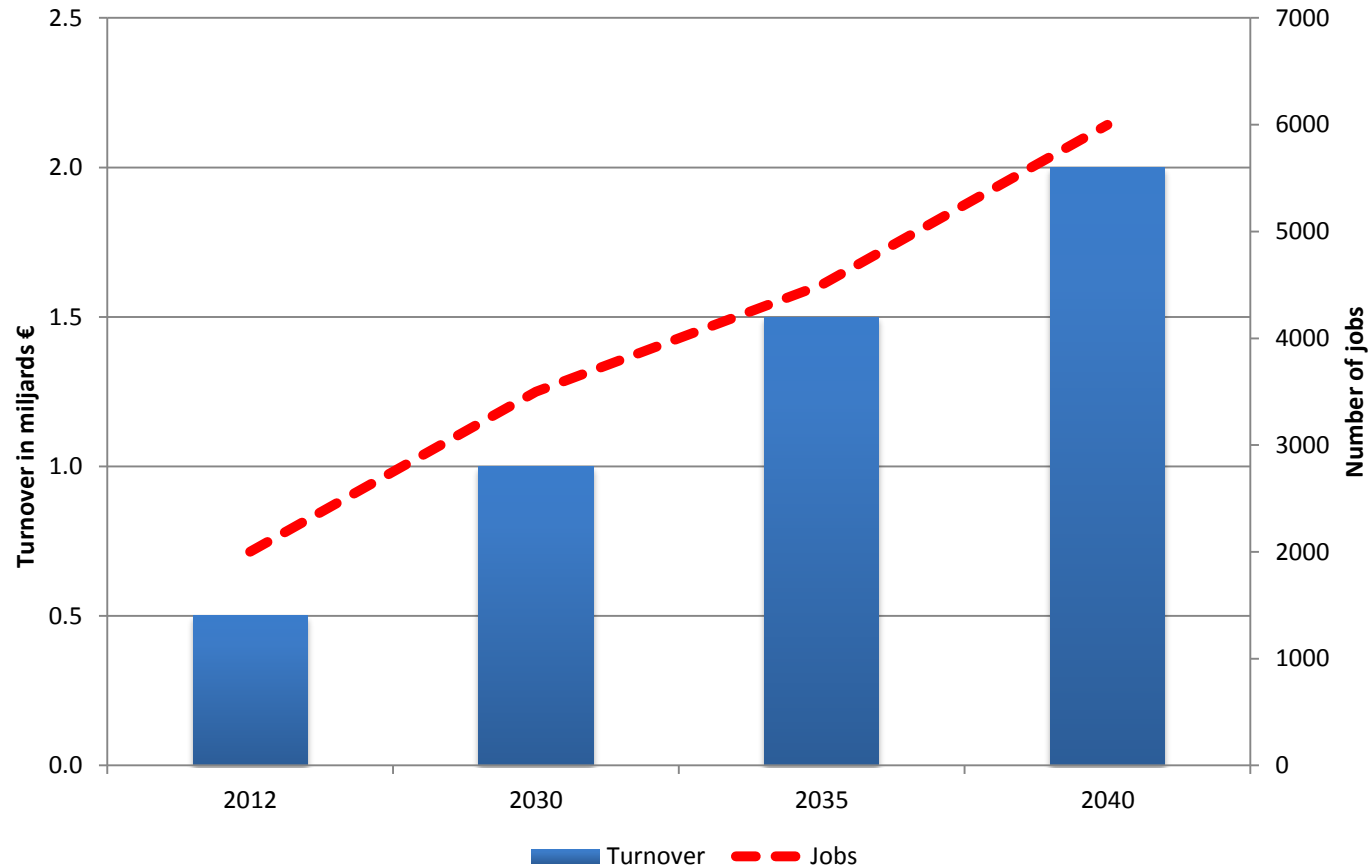
*Value*fromUrine



Oil & Water



Step 6: Create Growth and Jobs



Cooperation opportunities: Water Technology & Nord-Est

Cross-sectorial Cooperation:				
Agri-Food	X	X	X	
Textiles	X	X	X	
ICT		X		
BioTech	X	X	X	
	Waste	Water	Energy	Active & Healthy Ageing

www.wetsus.eu
www.watercampus.nl
www.topsectorwater.nl

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- the Dutch Ministry of Economic Affairs (TKI-Topsector Water, Peaks in the Delta)
- the Dutch Ministry of Infrastructure and the Environment
- the European Union (European Fund for Regional Development and Seventh Framework Programme), investing in your future
- Northern Netherlands Provinces (REP-SNN)
- the City of Leeuwarden, the Province of Fryslân and University Campus Fryslân



Ministry of Economic Affairs



Ministry of Infrastructure and the Environment

