



CIRCULAR ECONOMY COMPETENCES
MAKING THE CASE FOR
LIFELONG LEARNING

co-hosted by
MEP Silvia Costa
& MEP Simona Bonafè

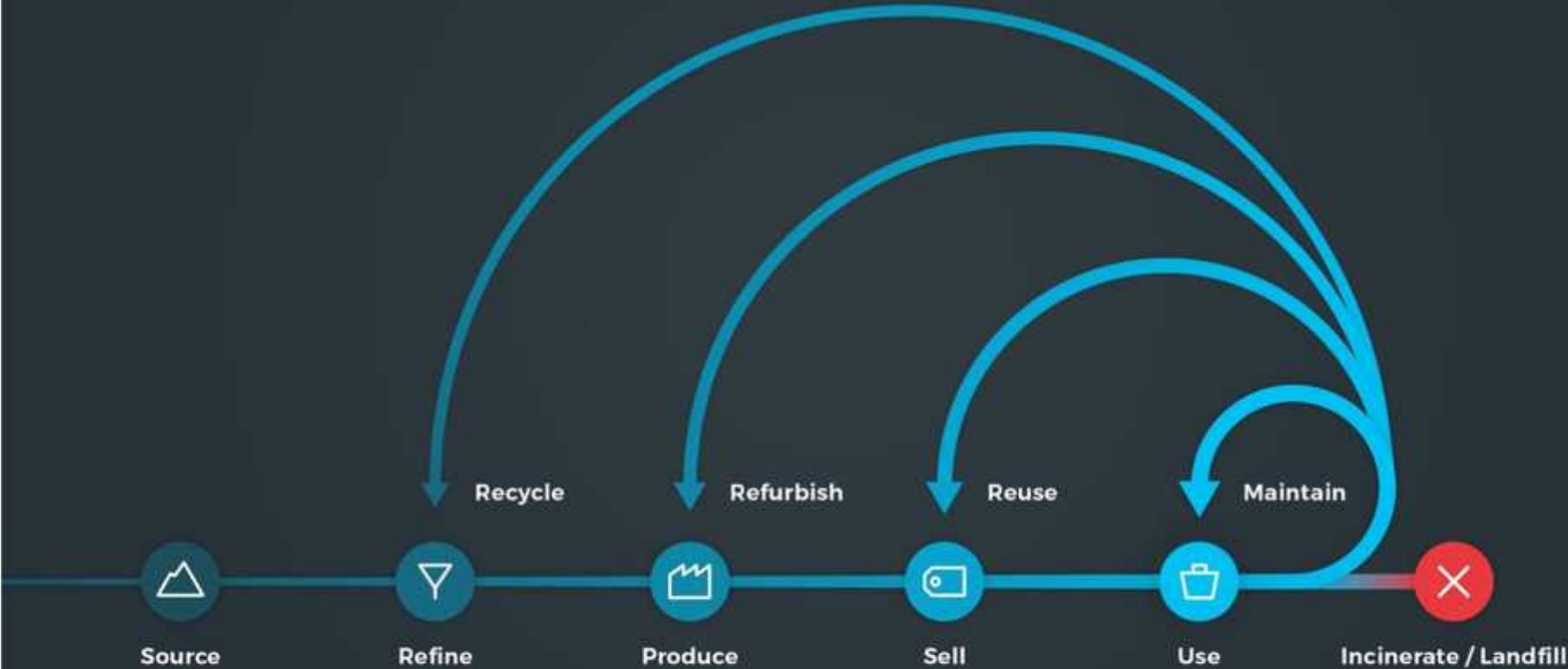
19-02-2019 | 09:00

European Parliament, Room ASP 3H1

Mapping Jobs and Skills in the Circular Economy

Joke Dufourmont, Circle Economy

A circular economy



A **circular economy** includes both **material & systemic** elements



Prioritise
regenerative
resources



Design
for the
future



Preserve
& extend what's
already made



Rethink
the business
model



Incorporate
digital
technology



Use
waste as
a resource



Collaborate
to create
joint value

Understanding circular employment

Example circular jobs



Solar Panel
Installer



Architect



Appliance
Technician



Leasing
Process
Manager



Data
Analyst



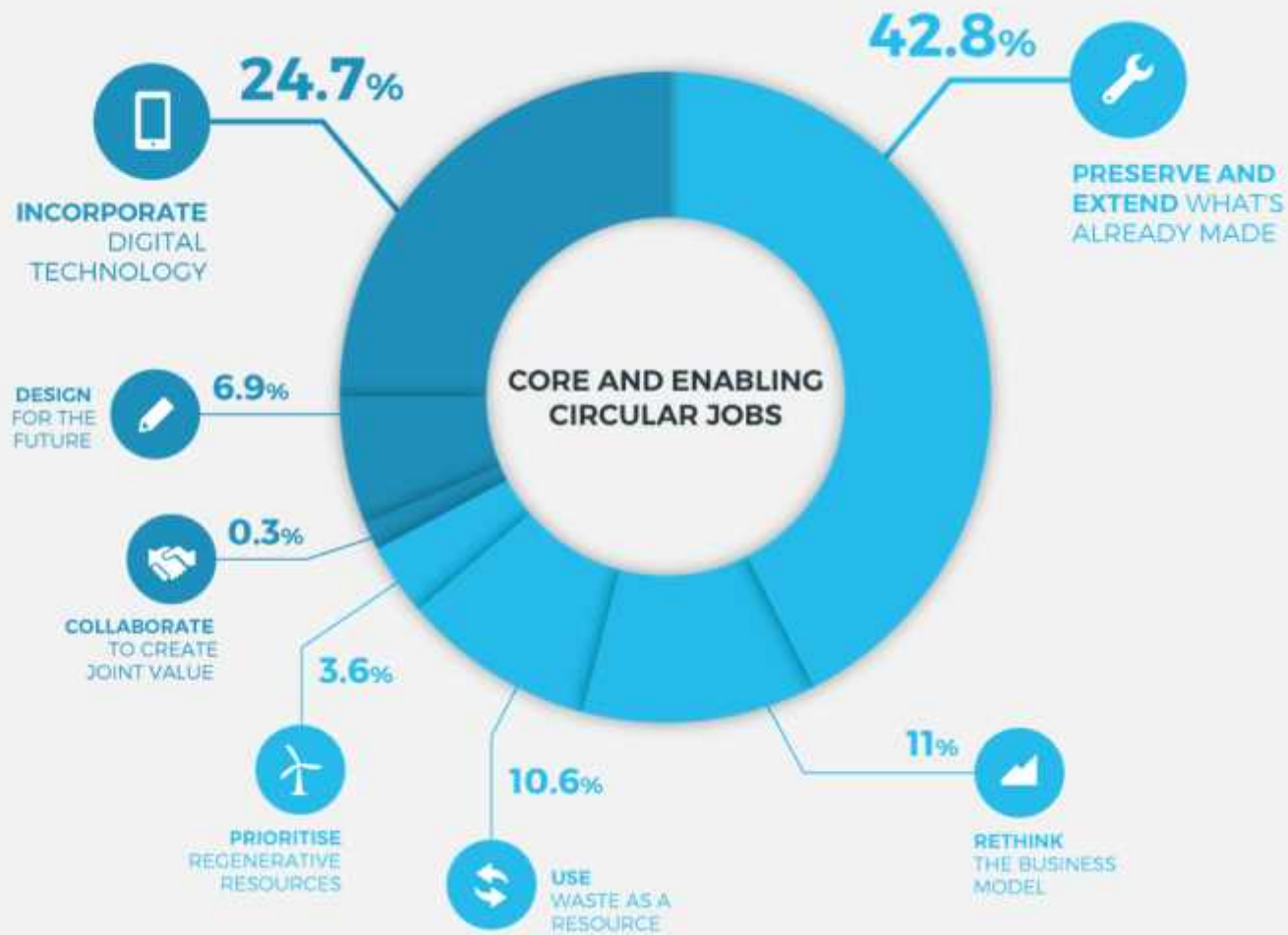
Recycling
Operative



Director of
a Trade
Association

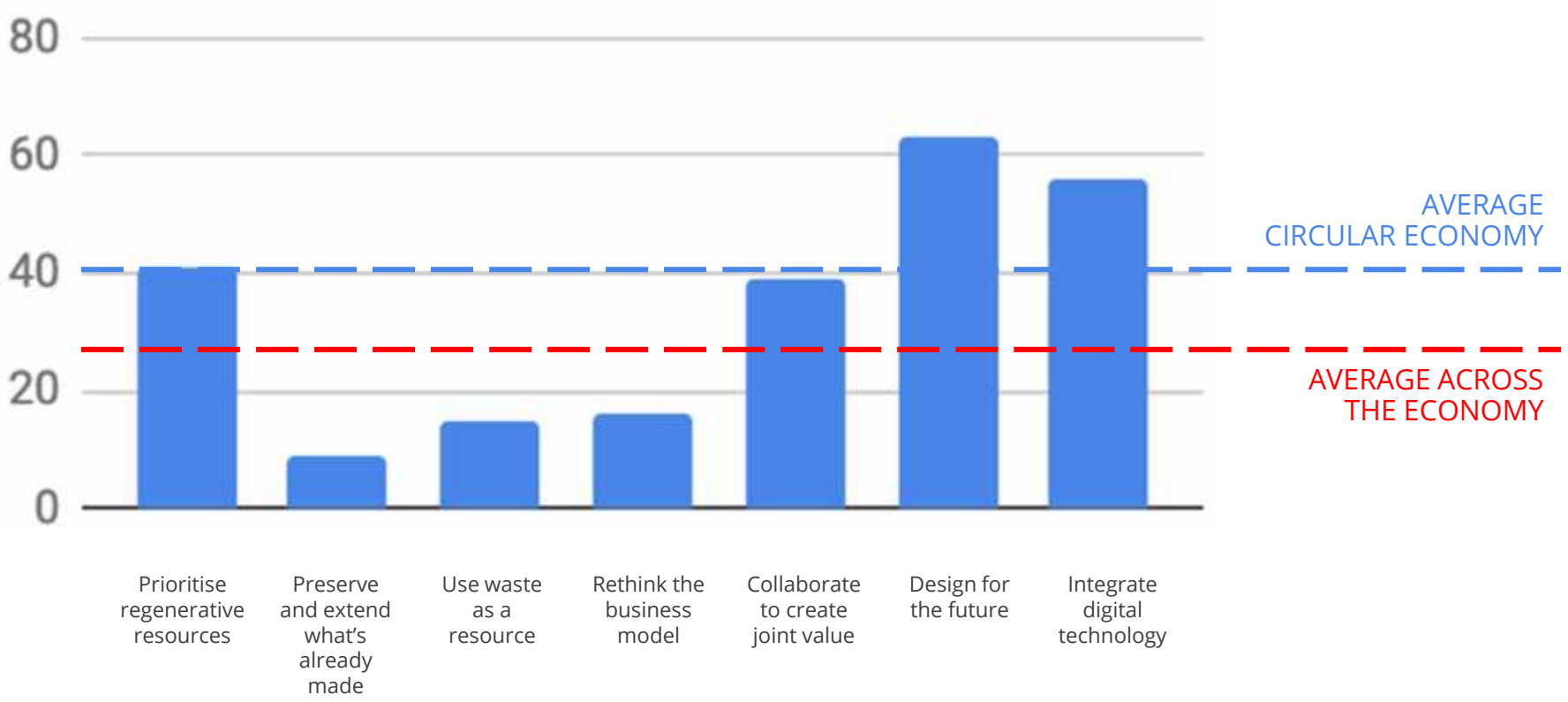
Jobs in the Circular Economy

In the Netherlands, 2015



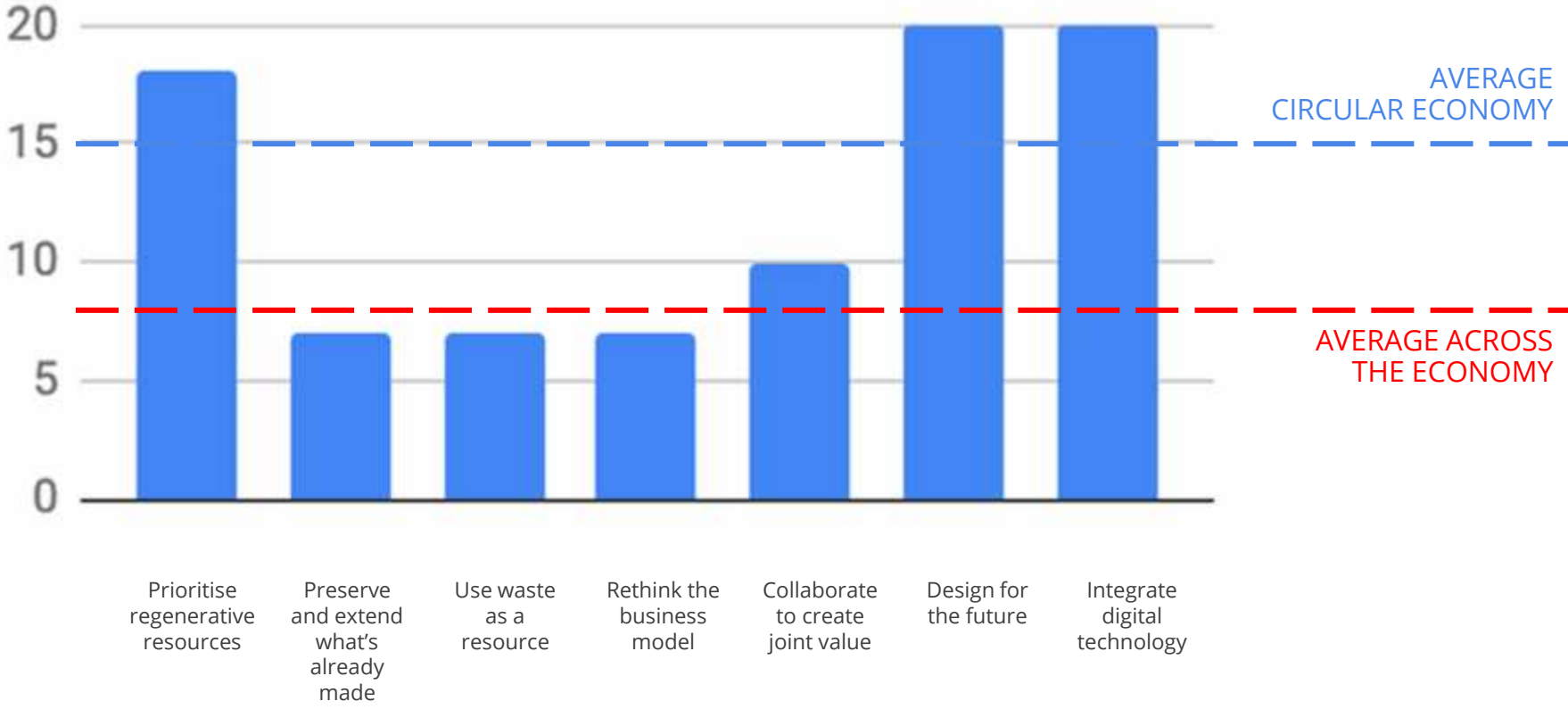
Higher education requirements

According to the 7 key elements, [%]



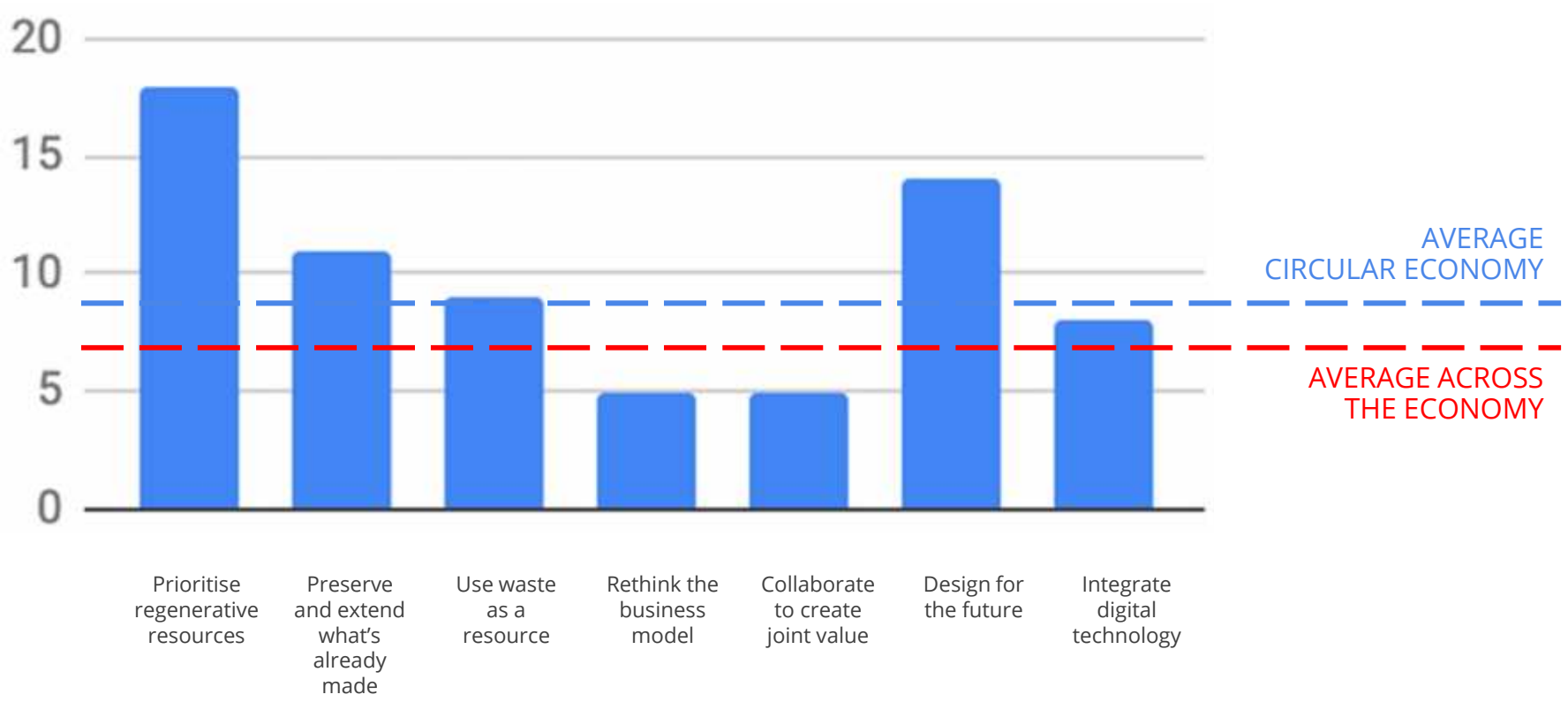
Work experience requirements

According to the 7 key elements, [%]

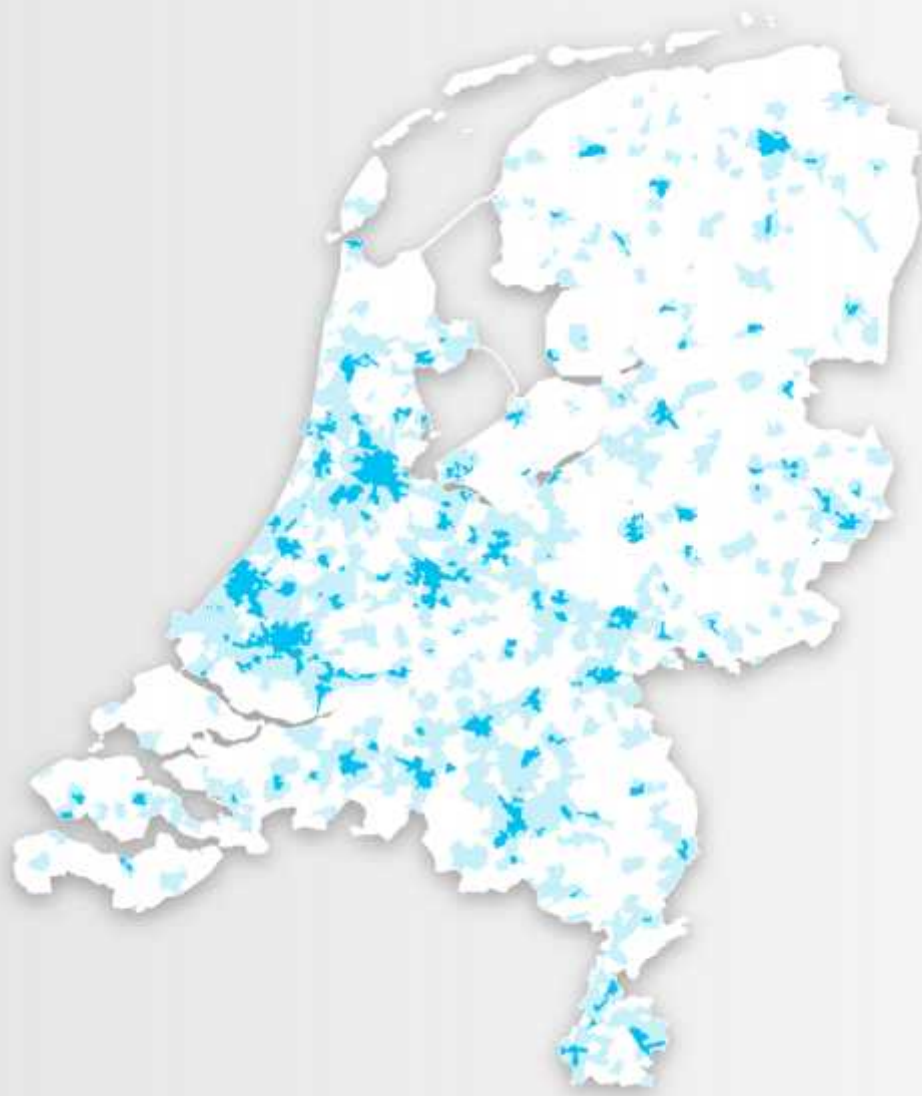


On-the-job training requirements

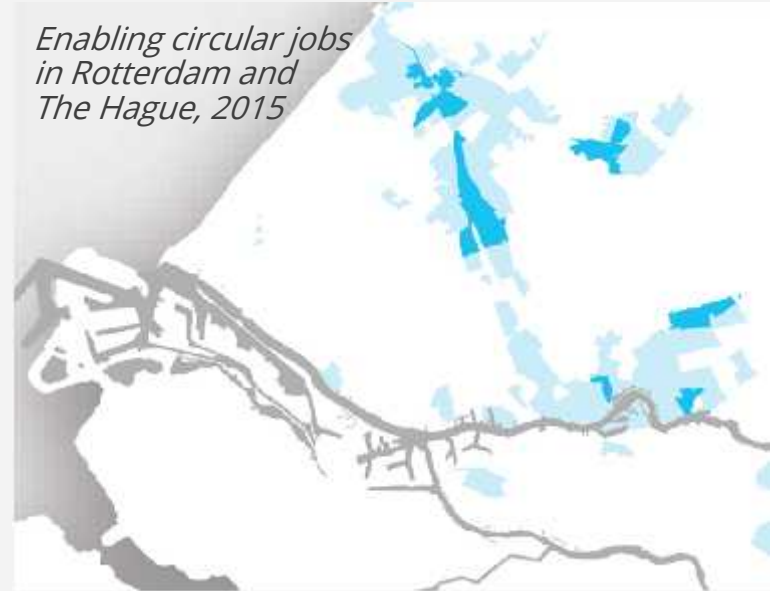
According to the 7 key elements, [%]



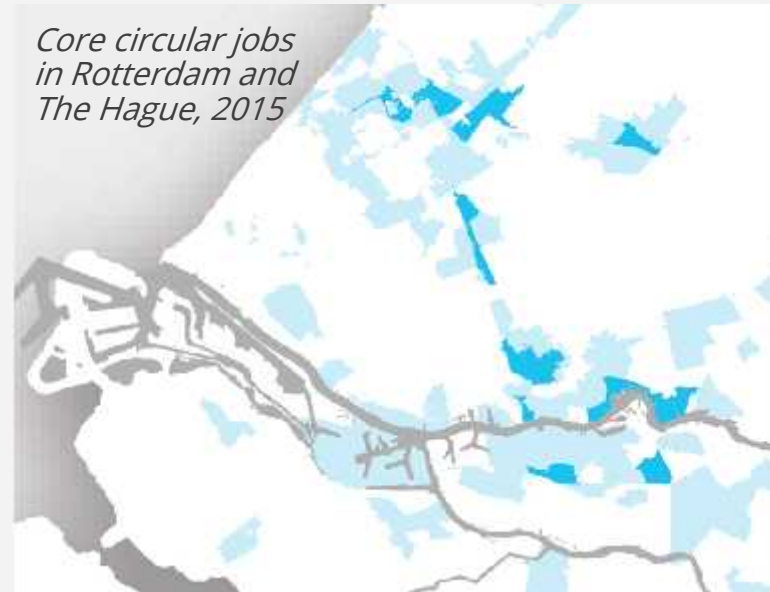
Jobs in the Circular Economy In the Netherlands, 2015



*Enabling circular jobs
in Rotterdam and
The Hague, 2015*



*Core circular jobs
in Rotterdam and
The Hague, 2015*



Why?

Circular Jobs:

“Circular jobs” demand high diversity of labour, unlike “green jobs”

Regional discrepancies in distribution of circular jobs

Digitisation more likely to affect core circular jobs

Circular Skills:

High education jobs require high diversity of knowledge fields

Vertical diversification requires upskilling

On-the-job training and work experience



What, and how?

Standardisation of language and metrics

Mainstreaming CE principles in higher education

Public-private partnerships to connect education and industry

Sector-initiated programmes, yet public responsibility for system linkages and cross-over opportunities



What, and how?

Mainstreaming CE principles in higher education

Master's Programme in Circular Economy (Lahti campus)

The Master's programme in Circular Economy is offered by LUT University on the Lahti Campus.

CIRCLE - Erasmus Mundus "International Master's Programme on Circular Economy"

| | |
|---|---------------------------------|
| Degree Awarded MSc | Starting Date August |
| Programme Duration minimum 4 semesters | ECTS 120 |
| Language of Instruction English | Mode of Attendance Full-time |

Home / Courses

Technology Innovation and Management for a Circular Economy / MSc



Duration Two Years

Delivery Taught modules 40%, Group projects 20%, Individual project 40%

Qualification MSc, PgDip, PgCert

Innovation, Enterprise and Circular Economy


MBA

- Attendance mode: Part time
- Entry year: 2019
- Duration: 2-4 years
- Start date: October
- Location: Distance learning

Home, EU and international students can apply

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[Book a place on our Open Day](#)



What, and how?

Dual learning



What, and how?

Mainstreaming CE principles
in higher education





**Thank you,
and let's keep in touch!**

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