

Project members



External stakeholders



A step-by-step methodology to help policymakers enable the circular economy transition

Align on starting point, ambition and focus



Assess sector opportunities



Analyse economy-wide implications

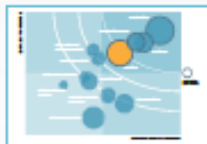
Baseline circularity level and policy landscape



Set ambition level



Select focus sectors



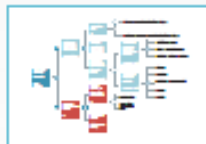
Map circular economy opportunities in each focus sector



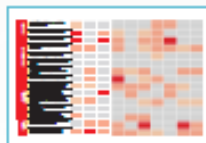
Prioritise and detail circular economy opportunities



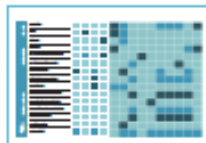
Quantify sector impact



Identify barriers



Map sector-specific policy options



Quantify economy-wide impact



Map economy-wide policy options



Prioritise, package and sequence policy options



Engage businesses and other stakeholders

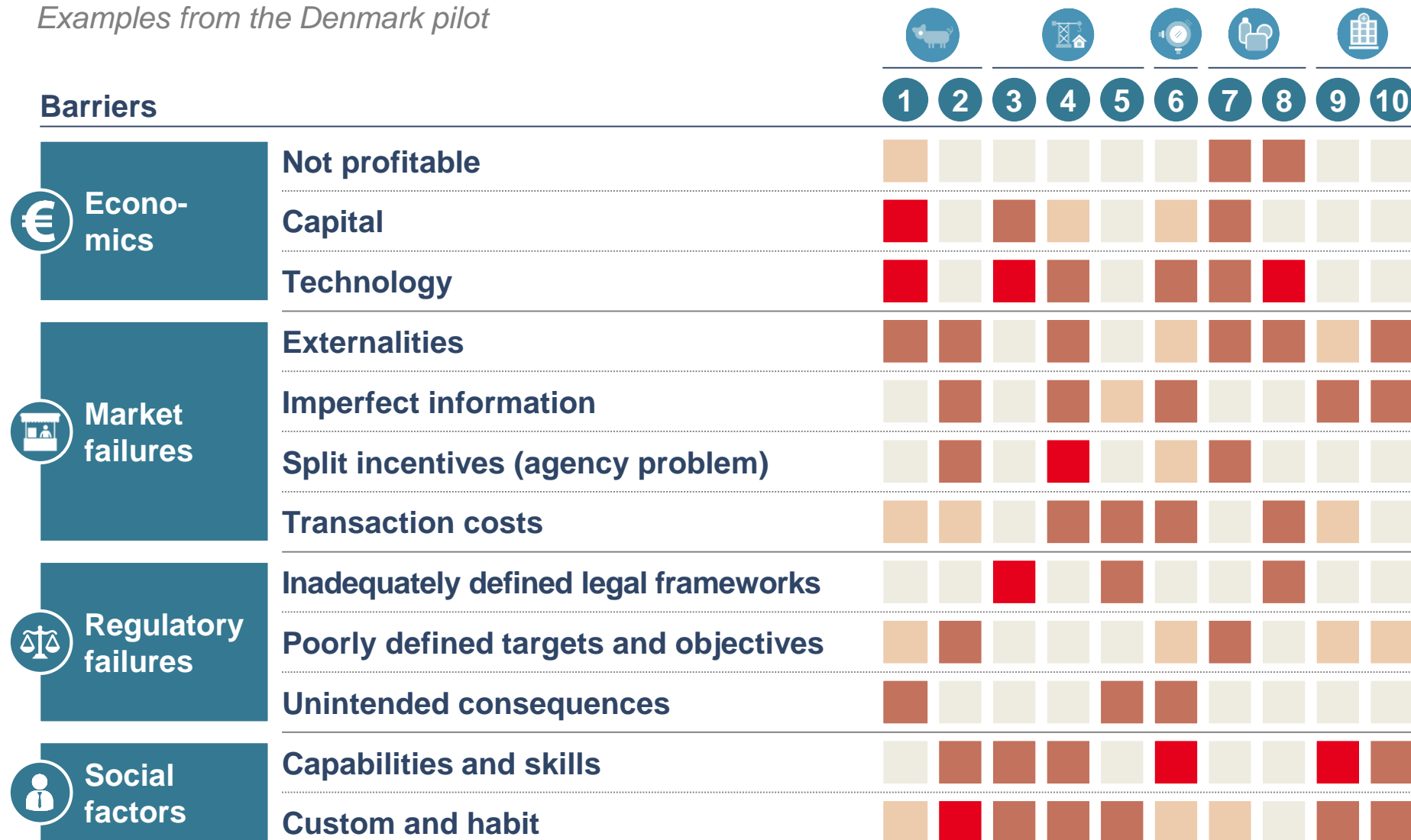




Ten opportunities in five sectors identified in the Denmark pilot



Sector	Opportunity	Net value created EUR million, 2035
 Food & Beverage	1 Value capture in cascading bio-refineries	300–500
	2 Reduction of avoidable food waste	150–200
 Construction & Real estate	3 Industrialised production and 3D printing of building modules	450–600
	4 Reuse and high-value recycling of components and materials	100–150
	5 Sharing and multi-purposing of buildings	300–450
 Machinery	6 Remanufacturing and new business models	150–250
 Plastic packaging	7 Increased recycling of plastic packaging	Not assessed
	8 Bio-based packaging where beneficial	Not assessed
 Hospitals	9 Performance models in procurement	70–90
	10 Waste reduction and recycling	Not assessed

Opportunities hindered mainly by non-financial barriers

Examples from the Denmark pilot



 Critical barrier ('make or break')
 Very important barrier (to scale-up/acceleration)

 Important barrier (to scale-up/acceleration)
 Limited or no barrier

The pilot confirmed positive impact on GDP, employment, and environment

Economy-wide impact by 2035. Absolute and percentage change relative to the 'business as usual' scenario.



€ 3.6 – 6.2 billion

Annual GDP contribution, or 0.8–1.4% vs. baseline



7,300 – 11,300

Job equivalents, or 0.4–0.6% vs. baseline



0.8 – 2.3 million

Tonnes of CO₂ footprint reduction, or 2.5–6.9% vs. baseline



5 – 50%

Resource savings for selected resources (iron/steel, plastics)

- **Delivering the circular economy – a toolkit for policymakers**

<http://www.ellenmacarthurfoundation.org/publications/delivering-the-circular-economy-a-toolkit-for-policymakers>

- **Potential for Denmark as a circular economy**

- <http://mst.dk/media/151170/15-11-25-cirkulaer-oekonomi.pdf>

