



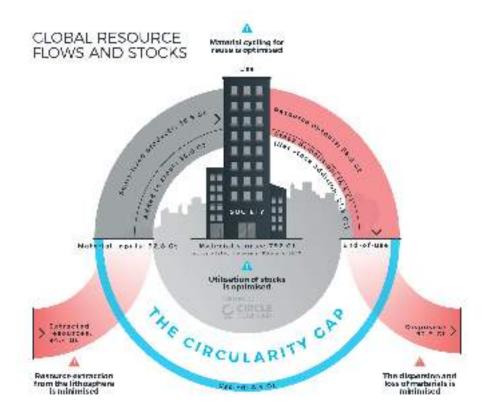
MISSION

Our mission is to empower a global community of businesses, cities and governments to accelerate the transition to a circular economy through practical and scalable insights and solutions that address humanity's greatest challenges.



HOW TO BRIDGE THE CIRCULARITY GAP?





ADDRESSING SOCIETAL NEEDS WITHIN THE BOUNDARIES OF OUR PLANET

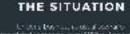
https://www.circularity-gap.world/



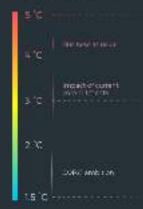
THE CIRCULAR **ECONOMY**: A KEY LEVER IN BRIDGING THE EMISSIONS GAP TO A 1.5°C

PATHWAY





the plobal temperature by \$150 to 1 per more. that if Cashe the religion may

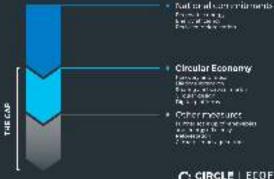


THE END COAL

greent duringer embolone from 65 to 30 its from commency of the services explosion.

THE SOLUTION

effinance the embaters are Direct energicity. may "Baccure to be the face of the said





CITIES LEADING THE WAY

ECONOMIC, SOCIAL, AND ENVIRONMENTAL RESILIENCE





Value creation



Job creation



Better air quality



Competitiveness in global markets



Reduced CO2 emissions



Reduced resource use

MISSION

To future-proof cities
by creating a liveable
environment with economic,
ecological and social
prosperity for its citizens
through practical and
scalable implementation
of the circular economy.



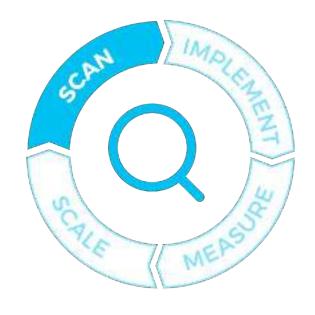
CIRCLE CITIES PROGRAM





CIRCLE CITIES SCAN





2 REGIONS (NL & SPAIN) 12 CITIES

SCAN METHODOLOGY BASED ON MULTI - STAKEHOLDER COLLABORATION LOCALLY.

MULTI-STAKEHOLDER COLLABORATION



social

organizations



governments

Commerce

Process participating stakeholders

Local

businesses

+

CIRCLE CITY SCAN

FRAMEWORK AND OPPORTUNITY MAPPING





Local Agenda



Material Flows



Circular Strategies



Action Plan



CIRCLE CITY SCAN LOCAL AGENDA



CIRCULAR

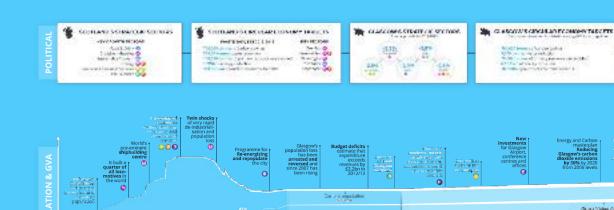
POCLE BECTORE











2010



1930



Now



2016

Energy and Carbon masterplan Reducing Glasgow's carbon dioxide emissions by 30% by 2020 from 2006 levels

It is expected that the economy will grow 2,5%

annually, and will reach £23.9bn by

2023

Order Value Added

estimated population 620.000

£23.5

billion

CIRCULAR | SECTORS AND THEMES



designations.

PLANNEDS, &

City filter standard title cityle City Svanik etwogram Addragoration restricted associations de light i de de de region li gels group. on mendance that the second to and observation schools in agent had record or of Miscoul Droit, Topical Series call lead for a conference which tela detailed to the section of the first terms of the section of the onte to township you and wanted the times they know entry that the Alberta. and distributed by another than the searcher and decreased

Themes:

- Commercial services
- Cramy Agri-food & Construction
- Indicates:
- O Hamaniero Santoliano Advanced Services
- Fublic Services





DESCRIPTION OF THE PERSON OF T

485126

COUMPTOIL!

BRIDE SW

m BURNEY A THRESTORY OF

100 T W. 1714 (113)

SEVENCED -

Mary Control of the

2/0/95

BRUDGY

AND DESCRIPTIONS

Source: Eustat, Eurostat

CIRCLE CITY SCAN

FRAMEWORK AND OPPORTUNITY MAPPING





Local Agenda



Material Flows



Circular Strategies



Action Plan





CIRCLE CITY SCAN

FRAMEWORK AND OPPORTUNITY MAPPING





Local Agenda



Material Flows



Circular Strategies



Action Plan



IMPACTS 2 000 wineigh. 50.000 LONGON. Leslandons 400 tonrex Historian. 8.90 tomnes Minerals 5 chemicals 20 tonces:

Madale

topres.



a contra all secret probagings

Basign for

the future



Dertiffenten aufweinigtet a. Tigran by solved nine boxes, obline he campagners and and of the horse of the or to the boxes of the party of the control of the party of the control of the party of the section of the se

LOCAL ACTIVITIES



resquiress

The wholesale sector is such a near. The entire temporary and the entire temporary

Incorporate digital tenberrings.



Superior to the proper was a service or the control of the service COMMON THE LANGE WAY AND THE PARTY OF THE PA and are, sensor a line arranting the constitution regions and he had the area of and rests services an error rate

Cuttingente to to cruate Joint value.

Electric

STRATEGIES

































CIRCLE CITY SCAN CIRCULAR STRATEGIES GLASGOW EXAMPLE

















LED lighting 12,000 kWh

CIRCLE CITY SCAN

Reuse













components









CIRCLE CITY SCAN

CIRCULAR STRATEGIES AMSTERDAM EVALUATED (PUBLIC MID MARCH)













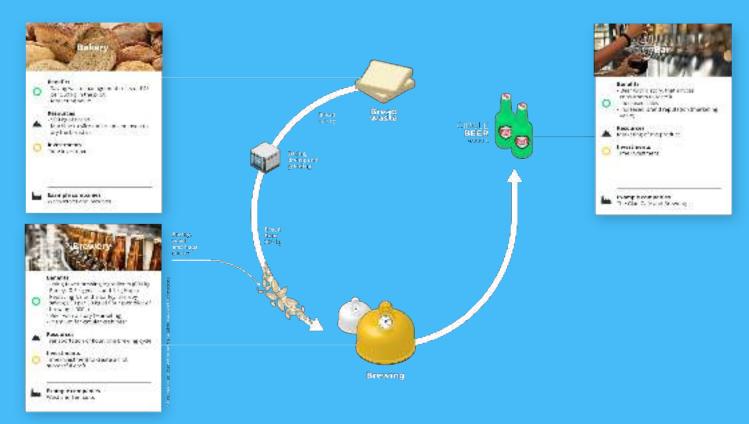
CIRCLE CITIES PROGRAM





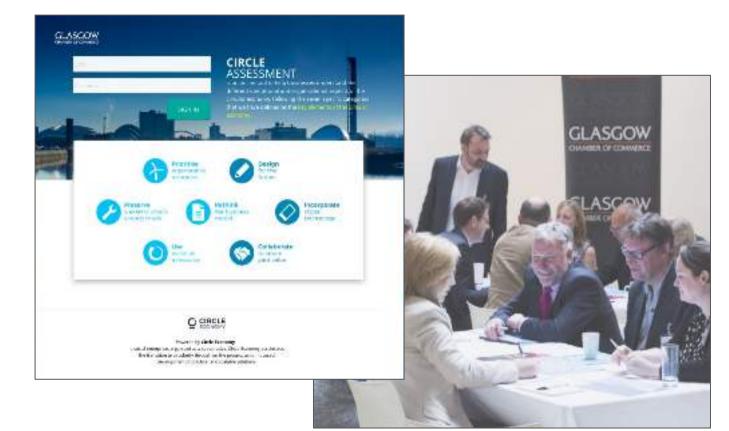
IMPLEMENT: PILOT PROJECTS GLASGOW





IMPLEMENT: CIRCLE ASSESSMENT & WORKSHOPS







IMPLEMENTATION

SCALABLE AND PRACTICAL PILOTS



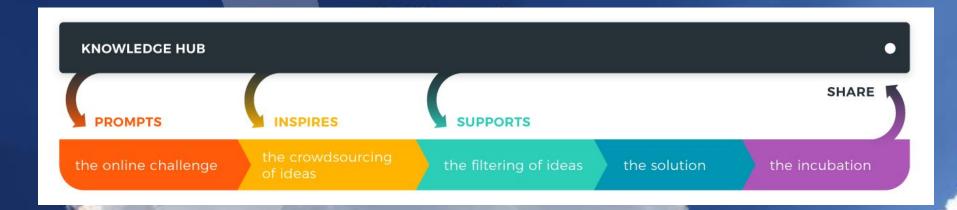








Circle Lab





CHALLENGE / OPENING FOR IDEAS ON MARCH 19

How can small to medium-sized local businesses improve the legacy of major city events and conferences?

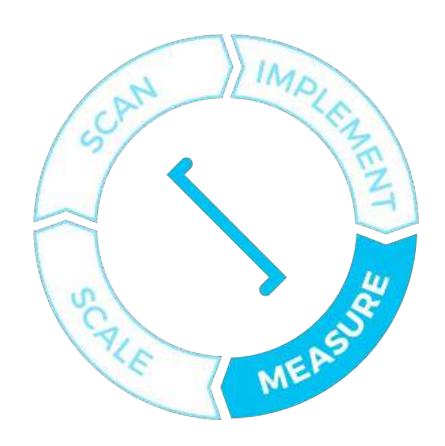
SPONSORED BY



www.circle-lab.com

CIRCLE CITIES PROGRAM







Circle City Intro Dashboard





MEASURE: DASHBOARD

MEASURE AND COMPARE CITIES, REGIONS AND SECTORS







MEASURING JOBS IN A CIRCULAR ECONOMY

IN COLLABORATION WITH ERASMUS UNIVERSITY ROTTERDAM

7 KEY ELEMENTS OF A CIRCULAR ECONOMY

















DEFINITION OF A CIRCULAR JOB

A circular job is a full or part-time occupation that involves, one of the 7 key elements of the circular economy or indirectly support such activities.

DIRECTLY CIRCULAR JOBS

ENABLING JOBS

Director of a Trade Association

The director of a total secolation menings: a mendant discussivation compared of medigal compared within a specific section; The director can autom the clouder common by microscoping years collaboration. Introducing infanting per of these days (informer compared to be set), the director can comply the collaboration compared to the director can comply the collaboration contact plant and the director can compare the collaboration contact plant and the collaboration contact sweeps a loader to contribute to the excutor economy.

Architect

The exhibited is organizable for electrony. buildings and by extension for the materials and daing a taking a protection in many officers y down, the one place and the potential for material recovery when it is demolished. An and areas can thus considers to the circular economy by

Data Analysi

By data analysis resists around relinent annual of information by meetin saying form should be a formation of the control of the relines. The relative saids in relines the recovered depth interception to recover the recovered depth interception and destinating unless states are also and an accordance to the control of the control of

CORE JOBS

Solar wantel testaffer

The sale penal localies works within the management in patients the local disease as a monocolie management, by promising so the sale command, by promising of the represents resource; the first example of the

Appliance Technician

I have a proposed to be described to the control of the control of

Recycling Operative

Front in problem and and insurably make the problem of the problem Bridge Swins

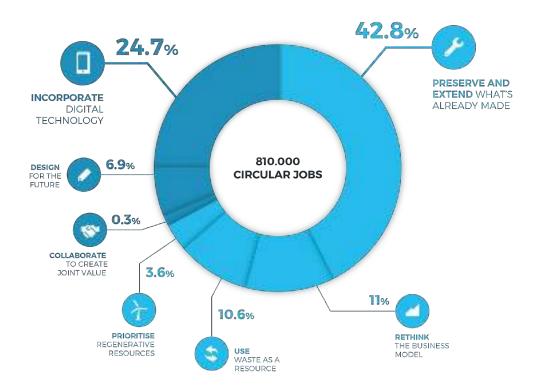
Loading Process Manager



The Surrey process manager is reasonable for the Later Scholars of the extention as the process and the proces

INDIRECTLY CIRCULAR JOBS

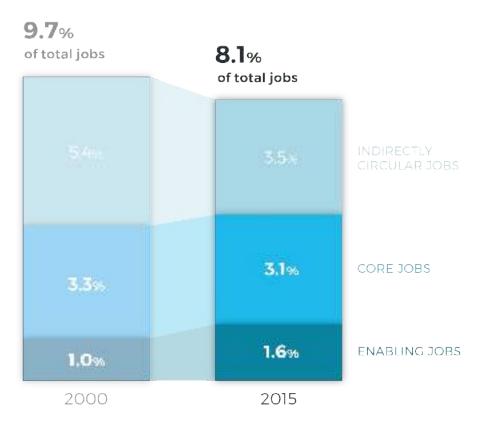


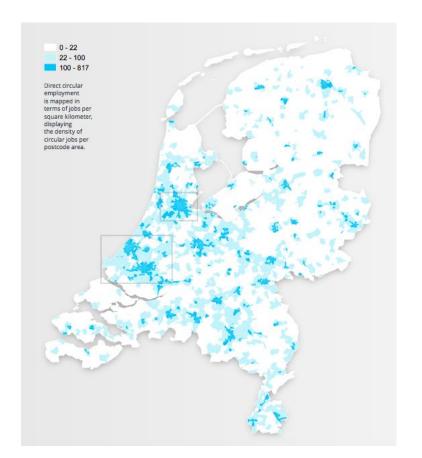


CIRCULAR EMPLOYMENT

IN THE NETHERLANDS IN 2000 AND 2015

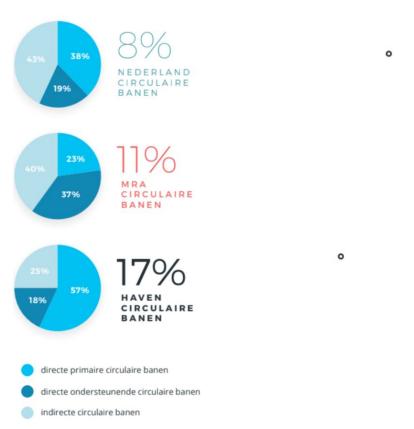


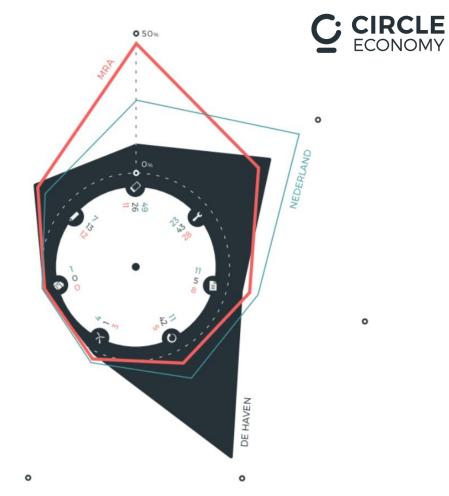




APPLIED RESEARCH GF I & GF II

CIRCULAR JOBS IN THE PORT OF AMSTERDAM, THE AMSTERDAM METROPOLITAN AREA, GLASGOW, ROTTERDAM AND THE NETHERLANDS





- Prioriteer hernieuwbare bronnen: Elektriciteit uit afval De anaerobe vergistingsfabriek van Greenmills in de haven maakt optimaal gebruik van organische reststromen door er elektriciteit mee op te wekken. Als input voor het vergistingsproces gebruikt Greenmills organisch afval uit huishoudens en supermarkten in de MRA. De gegenereerde output, elektriciteit, wordt dan weer terug geleverd aan de stad Amsterdam. Nog los van expectise en arbeidskracht, toorit dit voorbeeld hoe de MRA haar reststromen kan leveren als feedstock voor bepaalde activiteiten die in de haven plaatsvinden, zoals energeropwekking.
- Levensduurverlenging: Reparatie wagenpark Schiphol in de haven

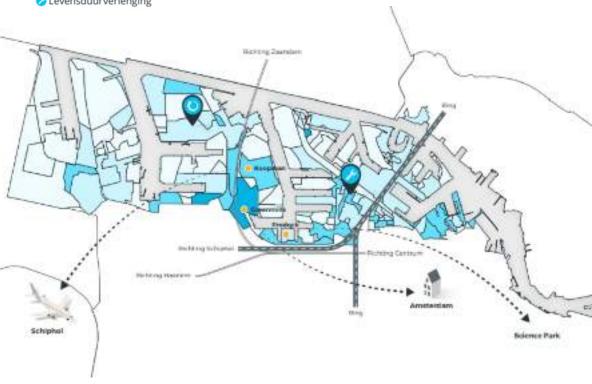
De Koopman car terminal in de haven biedt transport, overslag, en reparatie van voertuigen op grote schaal. Binnen de MRA windt het bedrijf een grote afzetmankt voor dergelijke service, ondermeer dankzij de aanwezigheid van de luchthaven Schiphol. De autoleasemaatschappijen in en rond Schiphol leveren bijna 1,000 banen, dewelke dankzij de wisselwerking met bedrijven zoals Koopman steeds meer naar de circulaire economie kunnen getrokken worden. De schaalvoordelen en infrastructuur in de haven laten dus bestaande activiteiten in de MRA toe meer circulair te maken, terwijl bepaalde or culaire activiteiten in de heven zoals reparatie een afzestmankt vinden in de MRA.

Van afval naar grondstoft Chemiecluster in de MRA De haven van Amsterdam en het innovation Lab Chemistry Amsterdam (ILCA) werken sinds 2014 samen aan een starke chemiecluster in de MRA waarin biobased en circulaire economie centraul staari. Het ICLA, dat deel uitmaakt van het Amsterdam Science Park, is een kennshub van wetenschap en technologie. De haven biedt op de Prodock site plaats aan start ups van het ILCA om hun activiteiten te industrialiseren en op te schallen. Op die manier wordt specialistische expertise uit de MRA gecombineerd met de infrastructuur in de haven om samen die strukkte economie te verzoellen.

Legenda

- 0 10 banen
- 10 50 banen
- 0 50 200 banen
- 200 500 banen
- Van afval naar grondstof
- Levensduurverlenging







CIRCLE GLOBAL HUB CONNECTING CITIES, BUSINESSES & CITIZENS







- Climate mitigation:Circular Jobs:
- Circular Amsterdam:
- Circular Glasgow:
- Circle Intro Dashboard

www.circle-economy.com/case/circular-economy-a-key-lever-in-bridging-the-emissions-gap-to-a-1-5-c-pathway/

www.circle-economy.com/case/the-circular-economy-at-work/

www.circle-economy.com/report/developing-a-roadmap-for-the-first-circular-city-amsterdam/

www.circle-economy.com/case/glasgow-embraces-pioneering-circle-city-scan-approach,

www.circle-cities.com