

**The next big thing
will be a lot of small things.**



“... want tussen
droom en daad
staan wetten in
de weg en
praktische
bezwaren ...”

Willem Elsschot





Het Discours

“... it’s not easy
being green ...”

Joe Raposo / Kermit



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European Union

12/11/2014 11:17

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Environment

The EU has some of the world's highest environmental standards. Environment policy helps **green the EU economy, protect nature, and safeguard the health and quality of life** of people living in the EU.

Green growth

Protecting the environment and maintaining a competitive EU presence on the global market can go hand in hand, and environment policy can play a key role in creating jobs and stimulating investment. 'Green growth' entails developing integrated policies that promote a **sustainable environmental framework**. Environmental innovations can be implemented and exported, making Europe more competitive and improving people's quality of life. Fairness is paramount in all this.



Climate action

To keep climate change below dangerous levels, the international community agrees that the average global temperature must not rise more than **2°C** above the pre-industrial temperature. The [EU is therefore working hard](#) to:

- cut its member countries' emissions
- encourage other major polluters to take strong action
- address the unavoidable impacts of a changing climate.

Targets drive green growth



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English (en)

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Enterprise

The EU aims to make EU industry and business more **competitive** and to promote **job creation** and **economic growth** by creating a business-friendly environment, particularly for small businesses and the manufacturing industry.

Industry is key to economic recovery

Industrial competitiveness, innovation and entrepreneurship are the keys to Europe's economic recovery.

With globalisation and stronger competition from emerging countries, Europe's long-term economic prosperity will depend on the strength of our **industrial base**, not on services and banks alone.

As regards **industry** and **innovation**, by 2020 the EU aims to:

- strengthen its industrial base and promote transition to a low-carbon economy
- promote innovation as a means to generate new sources of growth



Towards a circular economy

Political priorities
Commissioner

Jobs, Growth and Investment
Timmermans Frans | Katainen Jyrki | Vella Karmenu | Bieńkowska Elzbieta

PAGE CONTENTS

Latest

Documents

The European Commission has adopted an ambitious new Circular Economy Package to help European businesses and consumers to make the transition to a stronger and more circular economy where resources are used in a more sustainable way.

Latest

Documents

Related links

Latest

No related news.

Documents

2 DECEMBER 2015

[Communication: Closing the loop - An EU action plan for the Circular Economy](#)

2 DECEMBER 2015

[Annex to the Communication on Circular Economy](#)

2 DECEMBER 2015

[Proposed Directive on waste](#)

2 DECEMBER 2015

[Annex to the Commission's proposed Directive on waste](#)

Afval

Afvalinzameling door de gemeente

Eco-scans en ecodesign

Zwerfvuil en sluikestort

Registratie als inzamelaar, handelaar of makelaar van afvalstoffen

Asbest in en rond de woning

Toelating tot invoer van dierlijke bijproducten (DBP) vanuit een andere Europese lidstaat

Reclamedrukwerk vermijden

Registratie als vervoerder van afvalstoffen

Regels voor sortering en ophaling van afval bij bedrijven

Verklaring van selectieve sloop of ontmanteling

Grondstofverklaring voor het gebruik van een afvalstof als grondstof

Integraal Milieujaarverslag (IMJV)

Materialendecreet en VLAREMA

Sloopinventaris afvalstoffen

Milieuheffing voor het storten en verbranden van afvalstoffen



Vlaamse Regering

Circulaire economie

- » In de circulaire economie gaan we efficiënter om met grondstoffen, materialen, energie, water, ruimte en voedsel door kringlopen slim te sluiten. Natuurlijke hulpbronnen worden zo veel mogelijk hergebruikt.

In Klimaatstad Gent
raak je ook oververhit



gent: woonstad

HOSPITA
WONEN





Home / [Climate Change](#)

Ghent first to sign climate change Covenant; lays down COP21 challenge

27th November 2015 [Steve Hoare](#)



“

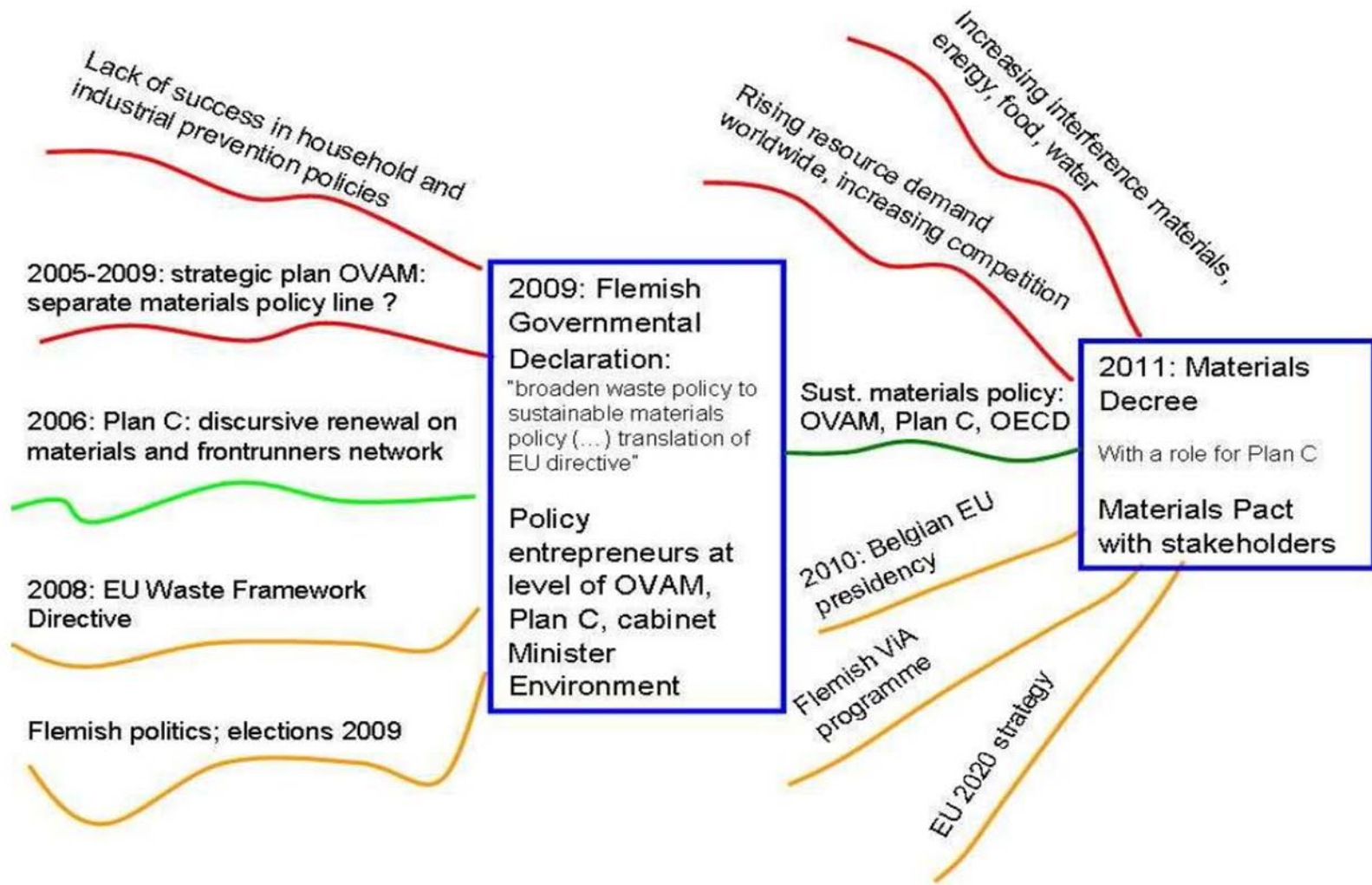
Devolve power to your cities if you want to save the planet. Join the Global Parliament of Mayors.

”

KEN LIVINGSTONE



Stroomlijnen
en verbinden



Van afval naar de circulaire economie

“ ... Afval bestaat niet...”

Van Gansewinkel Group





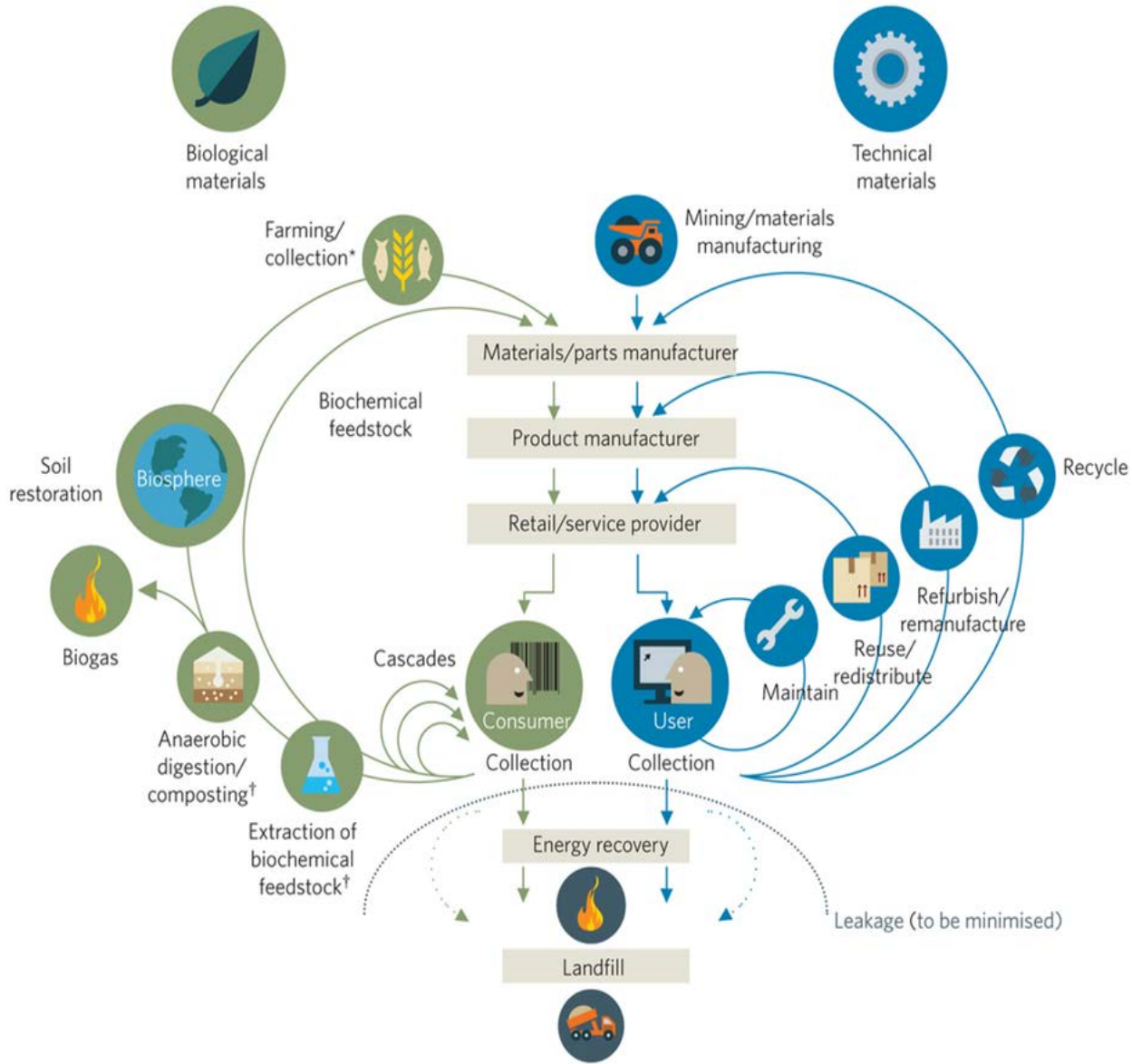
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iedereen.

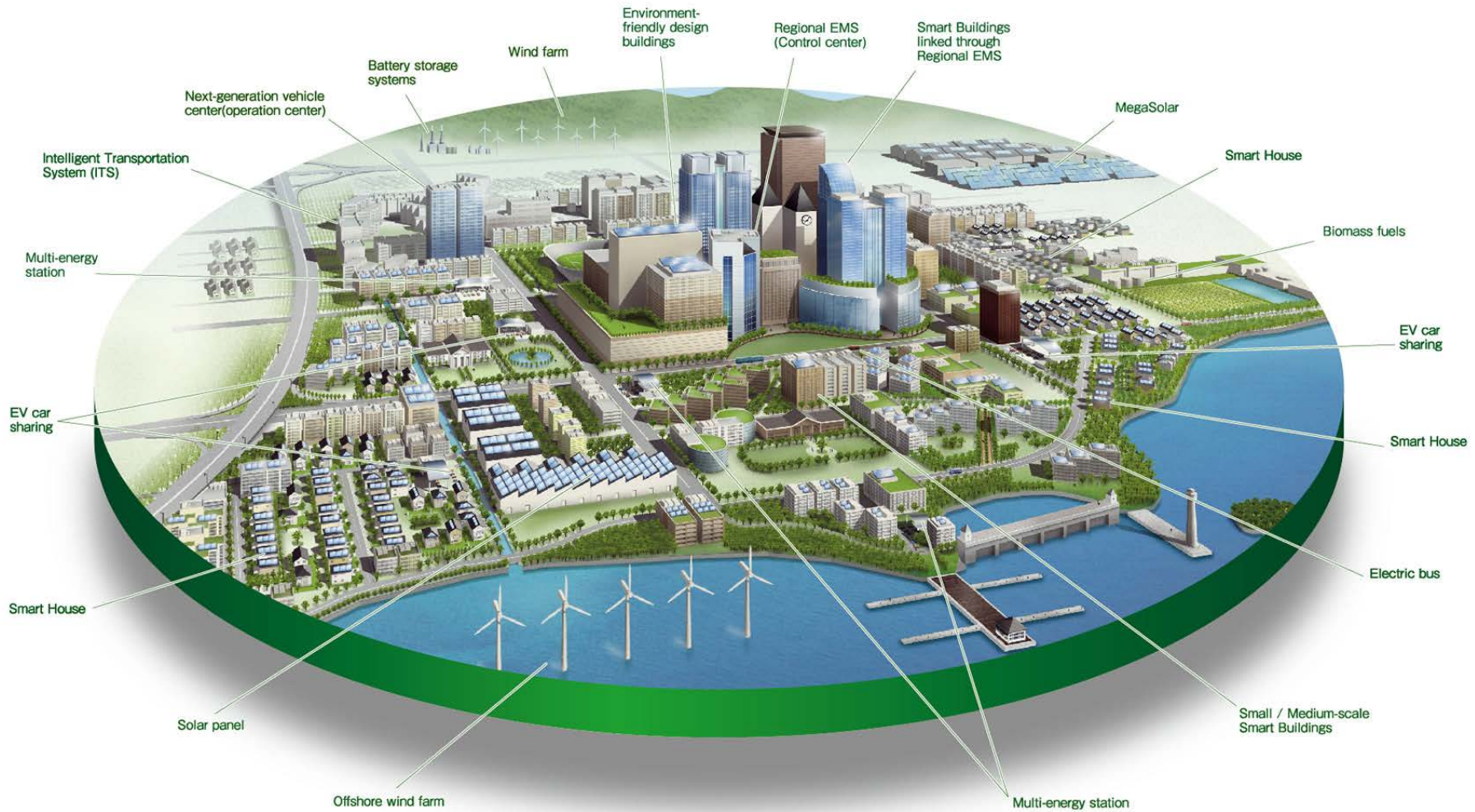
**“Elke dag hef ik
7 ton op.”**



URBAN MINING







Next-generation vehicle center(operation center)

Battery storage systems

Wind farm

Environment-friendly design buildings

Regional EMS (Control center)

Smart Buildings linked through Regional EMS

MegaSolar

Smart House

Biomass fuels

EV car sharing

Smart House

Electric bus

Small / Medium-scale Smart Buildings

Multi-energy station

Offshore wind farm

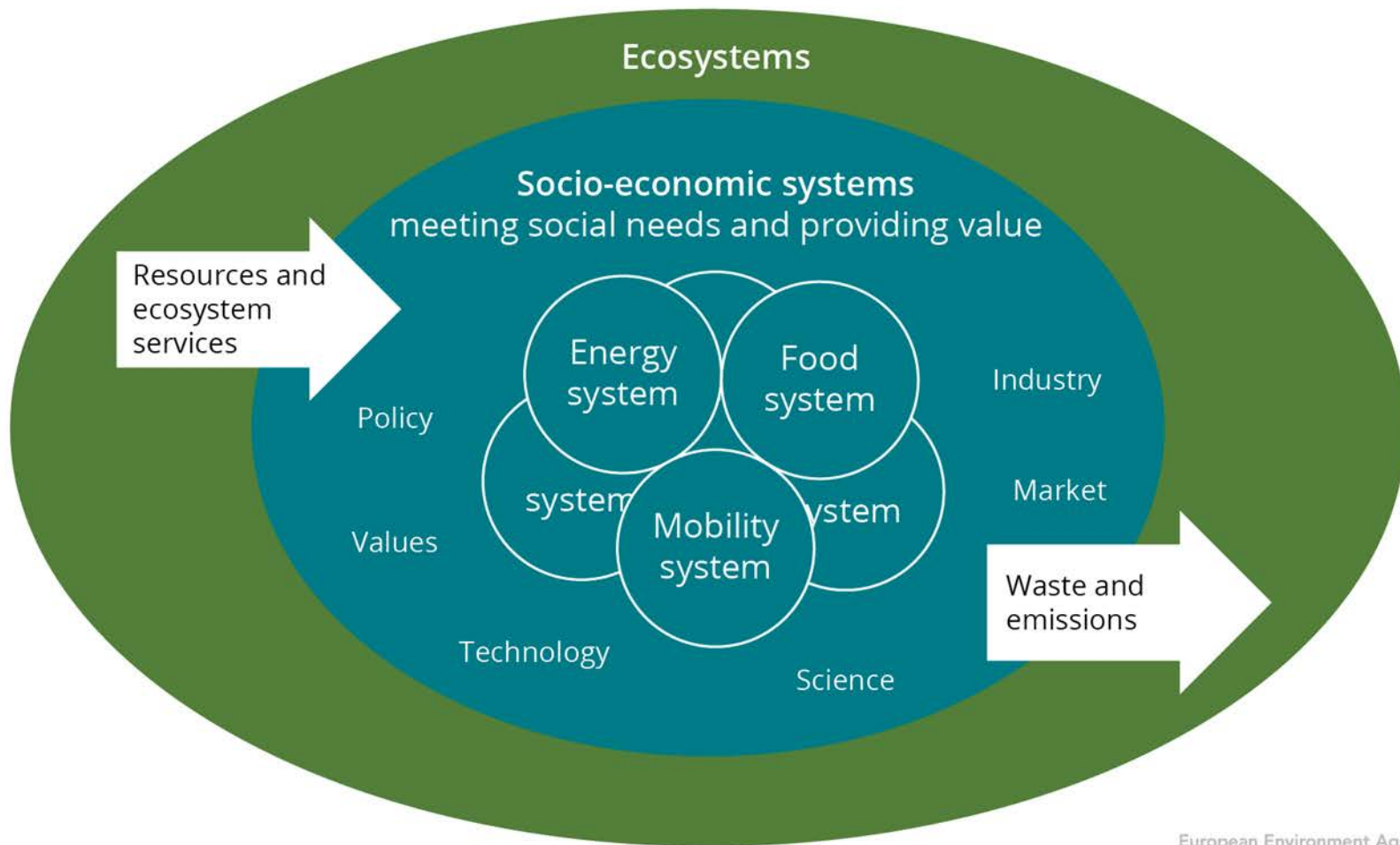
Solar panel

Smart House

EV car sharing

Multi-energy station

Intelligent Transportation System (ITS)



Steden als plaatsen
waar transities
samenkomen:
uitdagingen en
antwoorden
koppelen

Bewustzijn

“... The times they
are a-changing...”

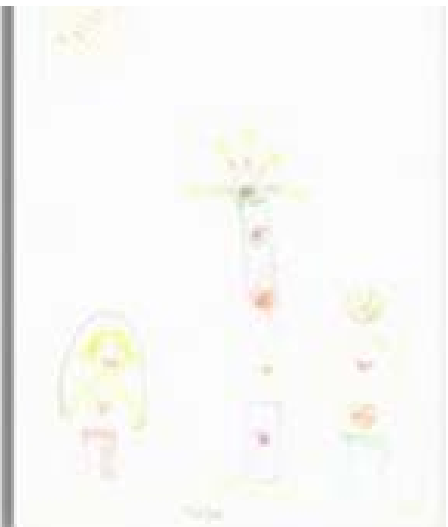
Bob Dylan



ISOVER Vario KB 1

↑ LOWE
<3

NIET







Geografische spreiding van de ruime waaier aan duurzame vormen van stedelijke ontwikkeling in Gent.



1.843 weergaven

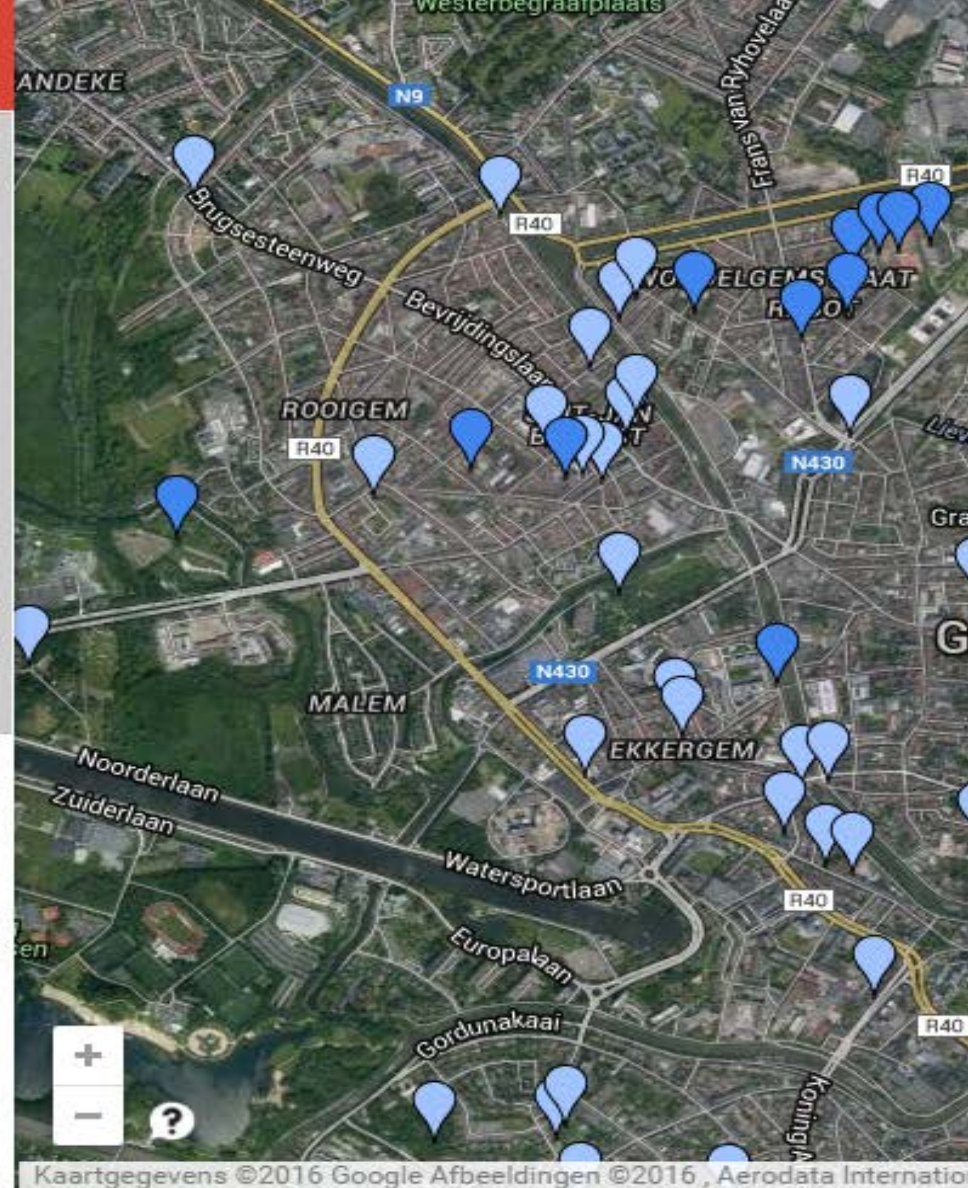
[DELEN](#)



Projecten op meerdere locaties



- Bio-pakketten
- Cambio
- Dégage
- Voedselteam
- Boerenmarkt
- De Groentenroute
- Apicula
- Trefil Arbed
- Volkstuinen
- Project Sint-Pieters
- Sociale kruidenier





Managing the Middle

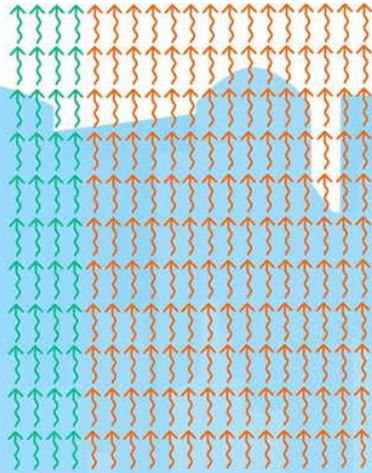
De stad

“ ... Urbanisation is proceeding apace – 60% of the urban infrastructure that will exist in 2050 has yet to be built...”

Paul Ekins

Cities are Reaching Their Limits

Cities must become smarter about using existing capacity and resources



80%

Cities produce nearly 80 percent of the world's carbon emissions.

1 billion

Today there are more than 1 billion cars on the road. That number will double by 2020.



2012 1 Billion 2020 2 Billion

1 second

Every second, the urban population grows by 2 people. Almost 180,000 people move into cities each day.



50%

Cities lose as much as 50 percent of their water supply to leaky infrastructure.



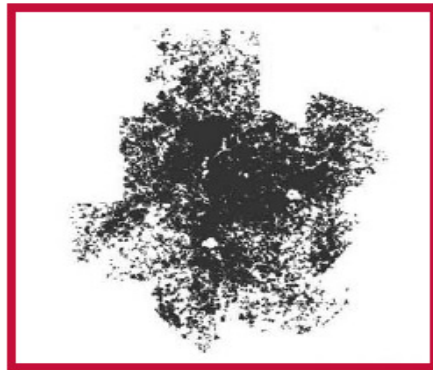
1/3

Commercial and residential buildings consume 1/3 of the world's energy.



What will future cities look like?

Source: Lefevre 2009



Atlanta

50 km



Barcelona

Atlanta

Population:
5.25 million

Urban area:
4,280 km²

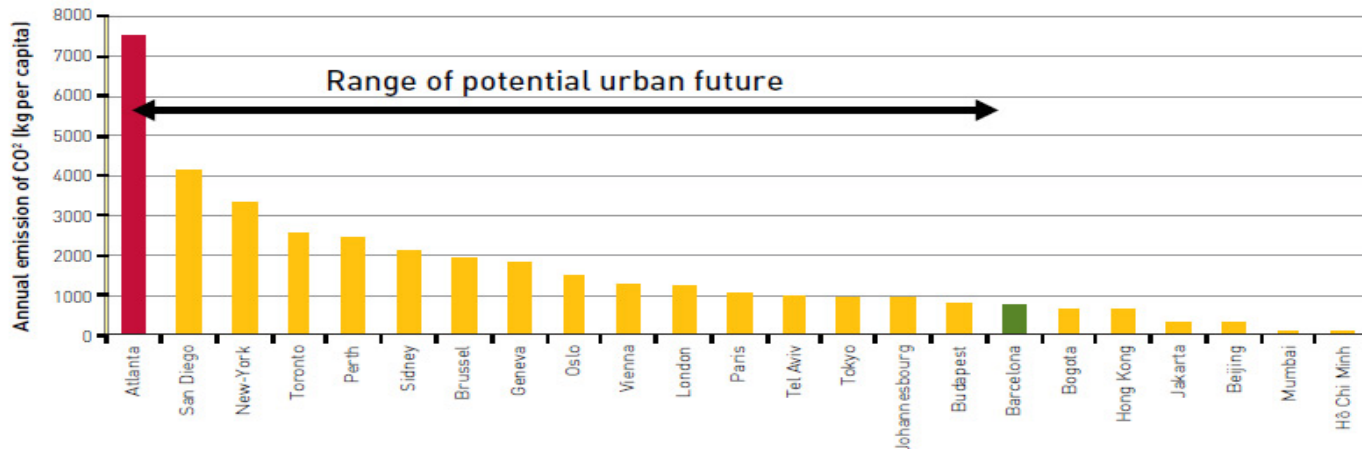
7.5 T CO₂/ha /an
(public + private
transport)

Barcelona

Population:
5.33 million

Urban area:
162 km²

0.7 T CO₂/ha /an
(public + private
transport)





PHONEBLOKS

A PHONE WORTH KEEPING









275 km





Van individueel
naar collectief
naar systeem

Gent

“ ... Ghent, a pocket-sized metropolis...”

Charles Landry







RESIDENTIE GRAVENSTEEN

AL 25%
VERKOCHT

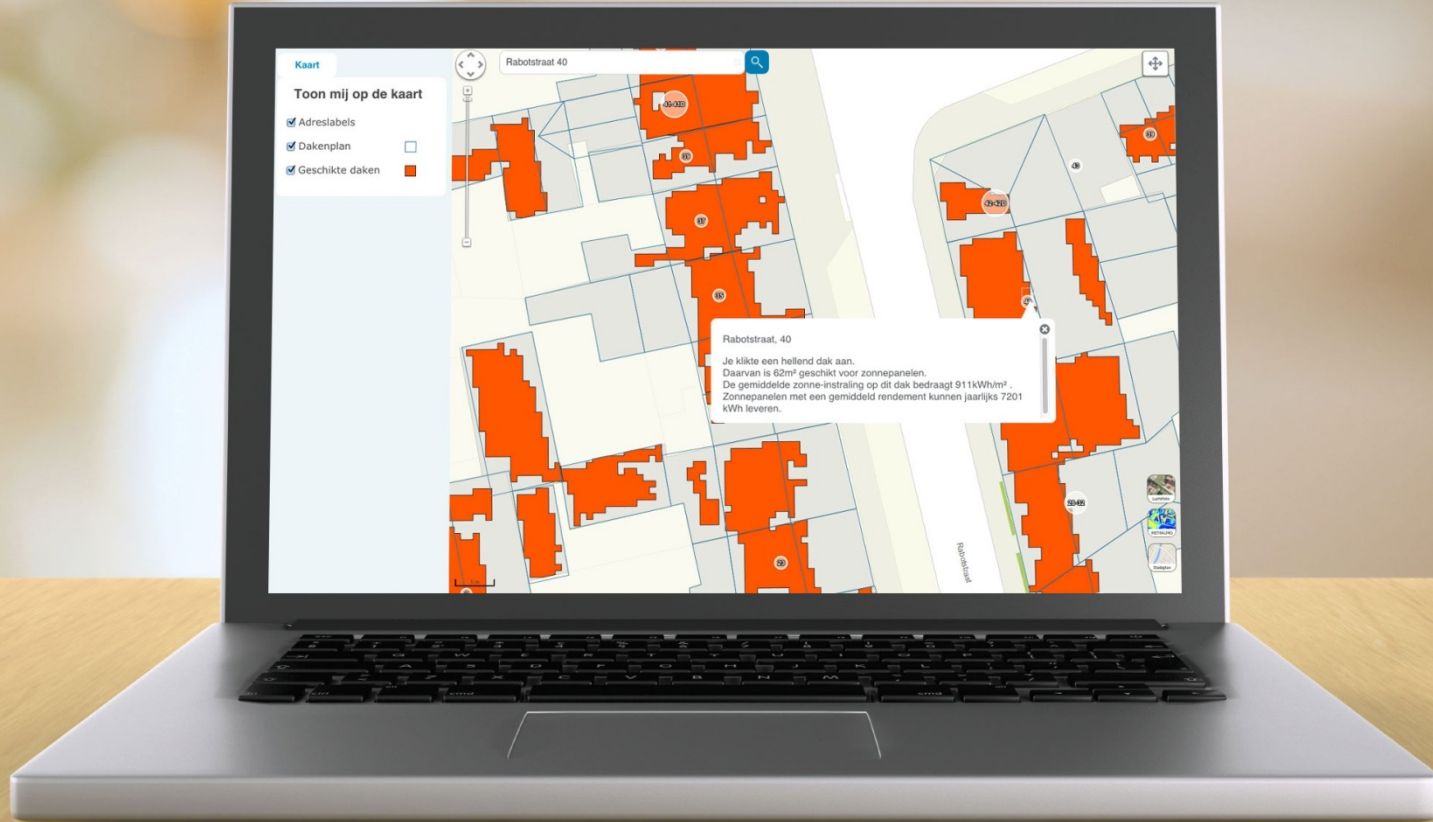
- 
- 40 Ruime penthouses & lofts
 - Trendy wonen in hartje Gent
 - Groot comfort op toplocatie
 - Exclusief buitenzwembad
 - Individuele parkeerplaatsen
 - Smaakvolle zonneterrassen



PROJECT
CITYSCAPING







Kaart

Rabotstraat 40

Toon mij op de kaart

- Adreslabels
- Dakenplan
- Geschikte daken

Rabotstraat, 40
Je klikte een hellend dak aan.
Daarvan is 62m² geschikt voor zonnepanelen.
De gemiddelde zonne-instraling op dit dak bedraagt 911 kWh/m².
Zonnepanelen met een gemiddeld rendement kunnen jaarlijks 7201 kWh leveren.



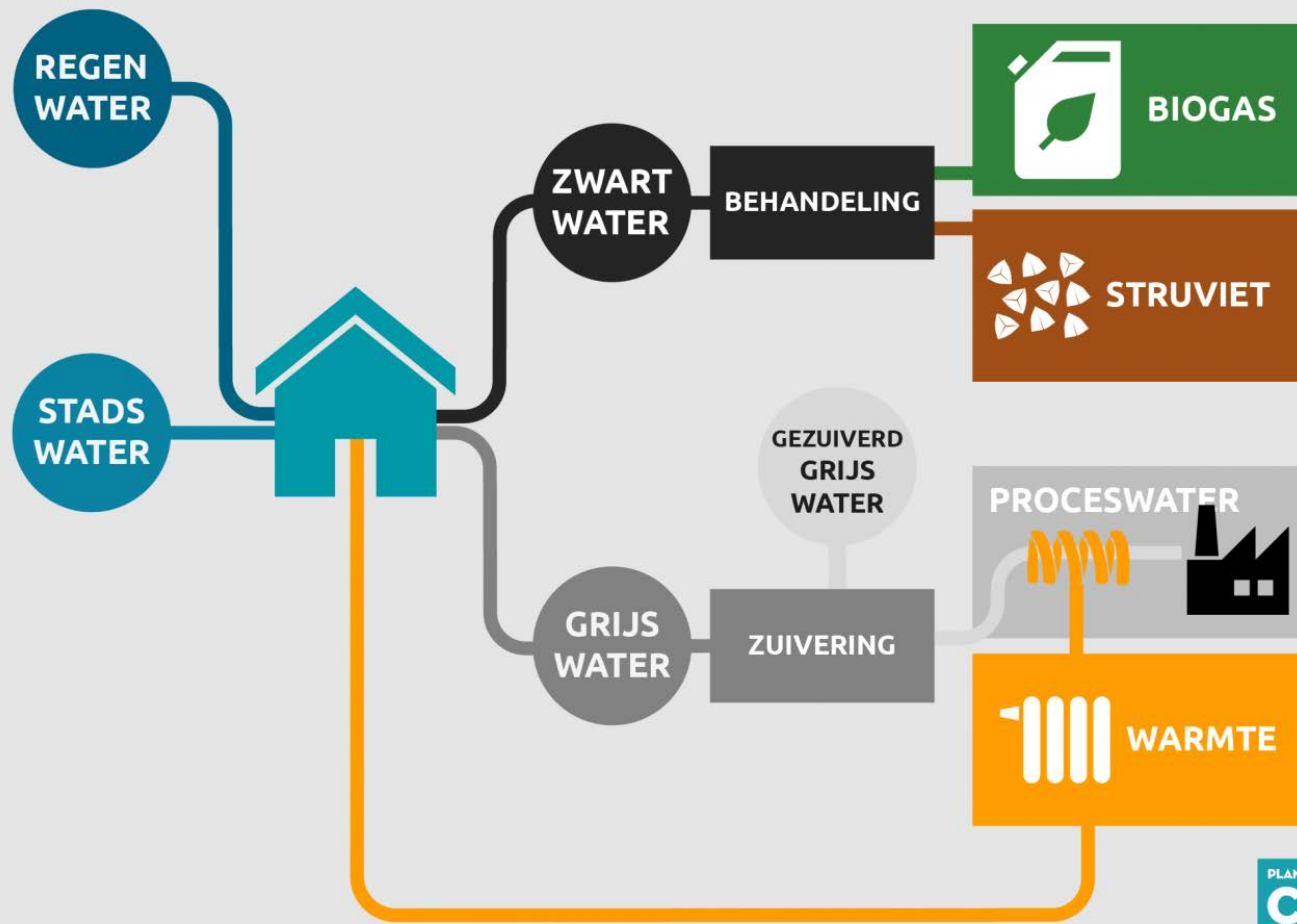
CLEANTECH CLUSTER

REGIO GENT

Van lineair
naar circulair



HET ZAWENT-SYSTEEM (VEREENVOUDIGD)





Who will the race?