



***Economic and industrial activities
in a sustainable city***
Nicolas IMBERT, october 24th, 2018





Economic and industrial activities in a sustainable city

What can we say ?

- The increasing importance of circular economy
- A common framework for local governments, companies and associations: the Universal Declaration of Humankind Rights
- Possible national policy evolution « 1% fossil resources » for a shift in Corporate Social Responsibility

Why shifting towards circular economy ?

1/2

Global trends



WWF- One planet living

If everyone lived like
the average European,
we would need **3**
planets to live on.....

...**3 billion** new wealthier
consumers by 2050, fuelling
demand on **precious**
resources.....



Why shifting towards circular economy ?

2/2



How to define circular economy ?

France has a National Institute for Circular Economy

“Circular economy proposes to enhance usability of goods and service, based on their usage, maximising their value all along their lifecycle. This represents an enormous competitive edge for all industries, and in incredible opportunities for countries to develop new employment opportunities and leverage their attractiveness”

Three main components:

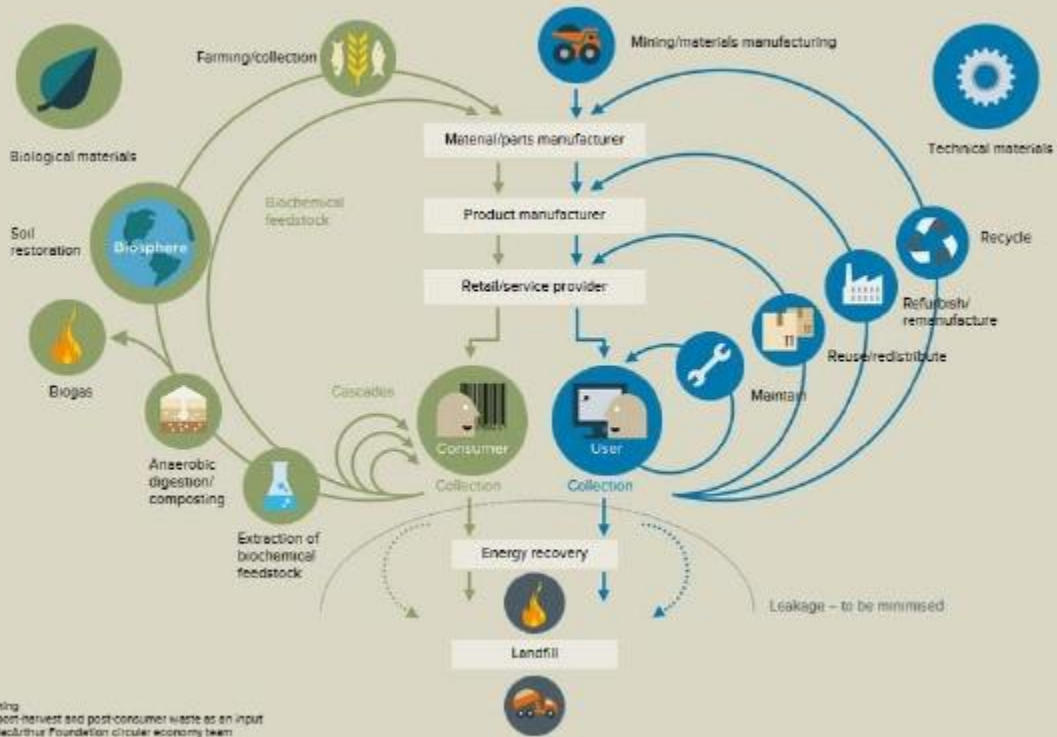
- Eco-Design
- The 3 R's in waste: Reduce, Re-Use, Recycle
- Functional economy

Sources: <http://www.institut-economie-circulaire.fr/> et <http://gcft.fr/WP/economie-circulaire/>

Circular economy

Which loops are we talking about ?

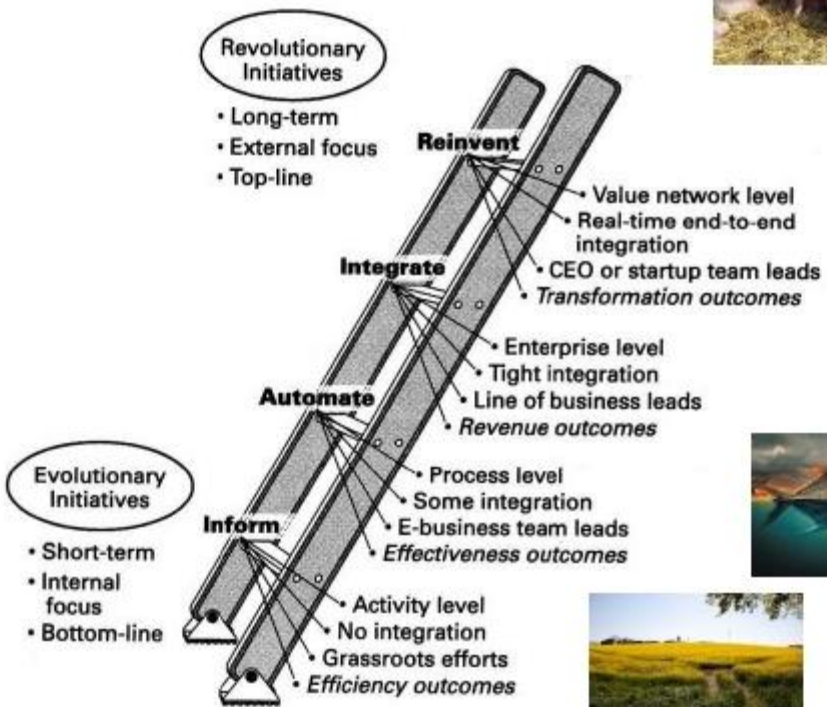
THE CIRCULAR ECONOMY AN INDUSTRIAL SYSTEM THAT IS RESTORATIVE BY DESIGN



1 Hunting and fishing
2 Can take both post-harvest and post-consumer waste as an input
SOURCE: Ellen MacArthur Foundation circular economy team

Circular economy

What can we do ?



Une économie circulaire pour les territoires maritimes ?

8 JAN 2014

By World Bank Group and France

Le 14 novembre 2013 à Paris, lors de la conférence internationale sur l'économie circulaire

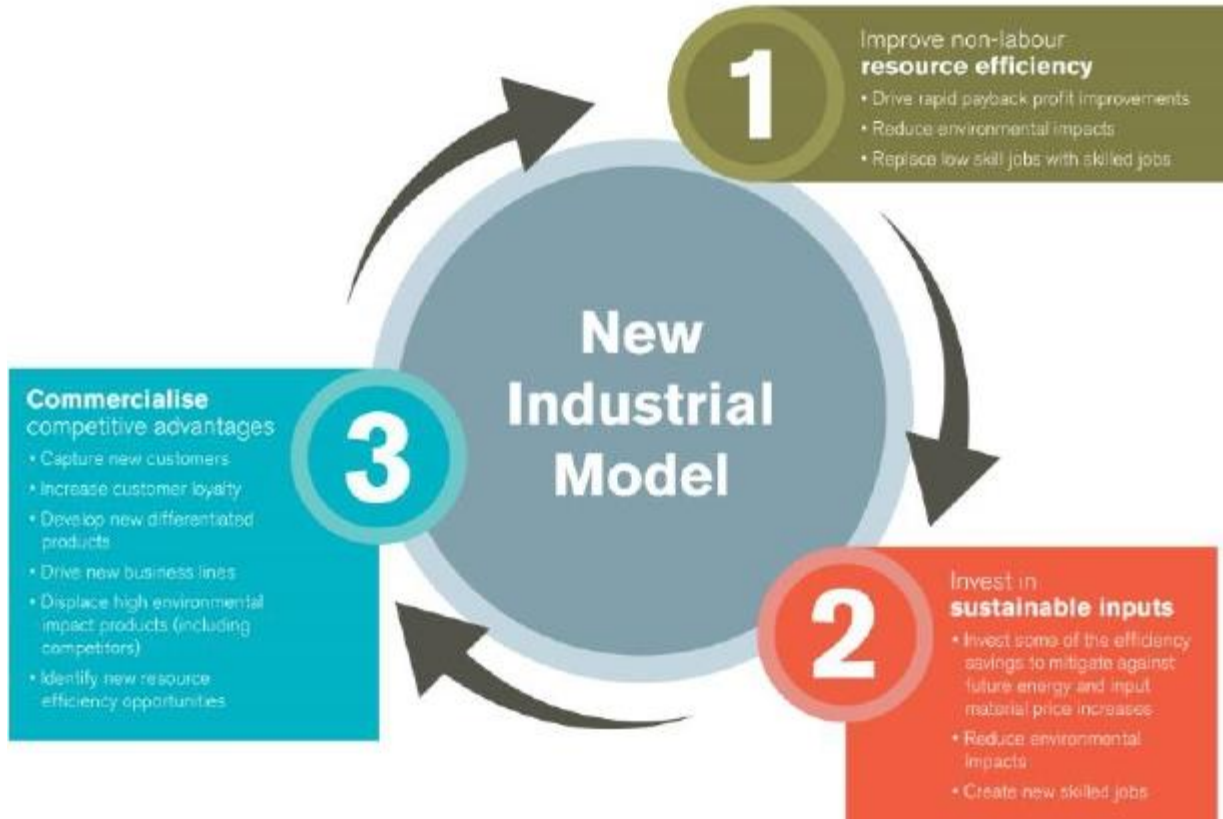


EAU : LES CLÉS POUR AGIR



What did we learnt ?

2014 study – at company level



Which target? *2014 study – at company level*



Circular economy

How to move towards functional economy ?



An approach based on circular economy must include **sustainable transports systems and logistics** in order to maintain and optimise the flow of goods and people

Circular economy

In a nutshell – rationale for resource efficiency

- ✓ **Waste:** accumulation and consequence of a 200-year-old linear economic model
 - Disposable society...
 - Outsourcing ...
 - Health and environmental risks (amongst others)

- ✓ **Vs. Circularity :** time needed to optimise existing solutions ? (Solar panels, glass technologies...)

- ✓ The 3R's (Reduce / Re-use / Recycle), Improved, but still insufficient.

- ✓ *Do not under-cycle, prevent all toxicity, do better with less.*

- ✓ As we continue to move forward, let us keep in mind both co-construction and multi-stakeholder approaches as ways to facilitate the shift from competition towards cooperation.

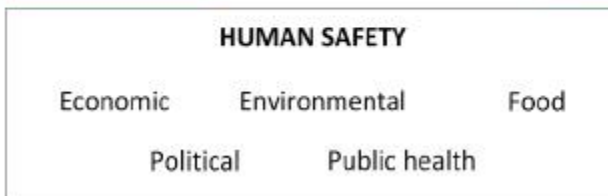
Declaration of humankind rights

Principles and rights 1/2

PRINCIPLES



HUMANKIND RIGHTS



Ensuring long-term approaches

Respecting rhythms inherent to humankind and to nature

Declaration of humankind rights

Responsibilities 2/2

RESPONSIBILITY TO HUMANKIND

To present generations

Ensuring the respect
of humankind
(Art. 11)

Transmitting heritage
with prudence,
respect, and fairness
(Art. 12)

Saving air and
climate, and prevent
as long as possible
climate-driven
migrations
(Art. 13)

Orienting scientific
and technical
progress towards the
preservation and
health of humankind
and of other species
(Art. 14)

To nations, states and territories

Integrating a long-term perspective
and promoting sustainable
humankind development (Art. 15)

Ensuring that the principles, rights
and responsibilities of the
Declaration of Humankind Rights
are effective (Art. 16)

All citizens of the world are invited to sign and share the Declaration:
<http://droitshumanite.fr/DU/?lang=en>

Declaration of humankind rights

Where are we now ?

- **September 23rd, 2015:** Lepagereport is presented to the French President
- **September 24th, 2015:** declaration mentioned in the United Nations presidential address
- **November 2nd, 2015:** citizen involvement for the Universal Declaration of Humankind Rights (UDHR) at the ESEC (Paris) – 1,000 international, European, and national delegates and representatives mobilized
- **December 9th, 2015:** the UDHR is presented within the COP21 framework (blue area) and to all the delegations
- **January 2016:** creation of the Friends of the Declaration of Humankind Rights Association
- **March 2016:** over 90 nations have informally expressed their interest in the text
-
- **October 2018:** + 100 bar associations/ ~ 50 local governments/ + 20 company networks recognized the declaration and are using it in their internal policies



Déclaration des Droits de l'Humanité
Declaration of Human Kind Rights

1% fossile proposal

Descriptions

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