

Séminaire SCORELCA - 16 Mars 2017 Meeting

« Introduction à

Economie Circulaire - utilité et application de l'ACV »

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Expert EcoEfficiency ; Material Strategy
RENAULT**

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Material Eco-Efficiency

17/03/2017

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CIRCULAR ECONOMY

Somewhere between Myth ...



Nissan Keynote Address at CES 2017
<http://nissannews.com/>

CIRCULAR ECONOMY

Rational Myth
Hatchuel A., Le Masson P., Weil B. (2002)

Somewhere between Myth ... and Reality



RECYCled Materials

RECYCLED METALS & POLYMERS
MORE THAN 30% OF CAR WEIGHT



REManufacture Parts

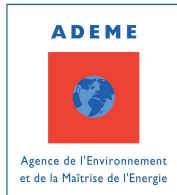
MORE THAN 30 000 ENGINES &
GEARBOX PER YEAR
AWARD FOR CHOISY LE ROY PLANT



REThink Products

SETTING NEW BUSINESS MODELS

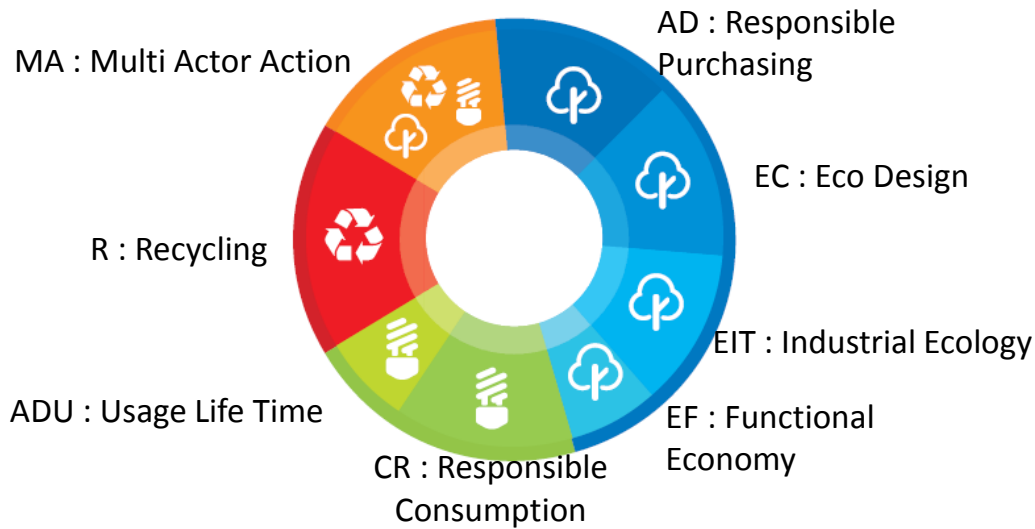
CIRCULAR ECONOMY – 100 COMMITMENTS



AFEP association française des entreprises privées, 2017

All levers of circular economy are activated

And ... 9 Companies took LCA commitments

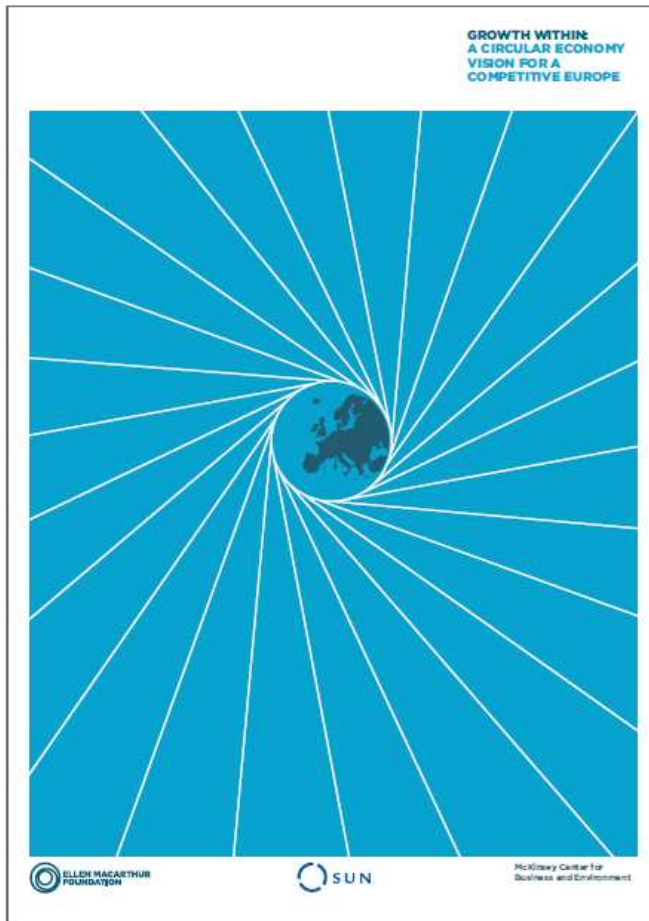


“ What gets measured, gets managed “

Peter Drucker



TRANSITION TOWARD A CIRCULAR ECONOMY



« How much your
environmental footprint
improve if you fully
circulated product ? »

« Growth within : A circular economy vision for
a competitive europe »
EMA Foundation (2015)

**NEED TO CREATE GUIDELINES OF BEST PRACTICES !
THREE QUESTIONS TO SCORELCA :**

Clarify the Circular Economy
notions for LCA Practitioners

Identify the LCA methodological
challenges associated with
Circular Economy

Provide to LCA practitioners an
operational guide to calculate
LCA of Circular Economy
systems

Thanks