

Factor10 Briefing & Circular Metrics

WBCSD Circular Economy Team

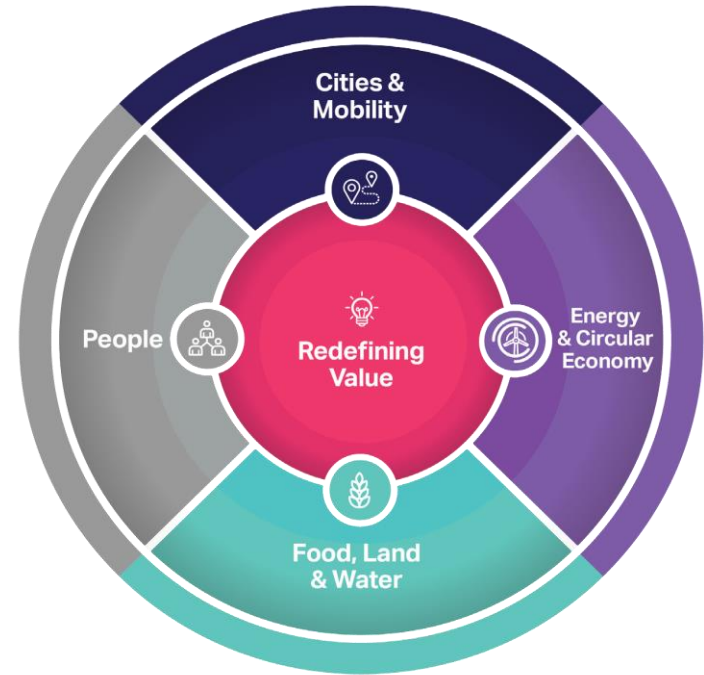
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Factor10 Briefing

WBCSD's Approach

We target the realization of the Sustainable Development Goals (SDGs) through five work programs to achieve systems transformation.

As global business faces new and complex challenges and opportunities, our science-based approach and targeted business solutions aim to scale up business impact.



WBCSD's Targeted Solutions



Cities

Low Emissions Economy Partnership (LEEP)
Science-Based Targets

Transforming Mobility

SiMPlify
Transforming Urban Mobility



Energy and Climate

Climate Action and Policy
LCTPI Re-Scale
LCTPI Low-Carbon Freight
LCTPI below50
Nature-Climate Solutions

Factor 10

Metrics & Measurement
Plastic Alliance
Policy & Engagement
Sector Deep Dives



Food and Land Use

Climate Smart Agriculture
Food Reform for Sustainability and Health (FReSH)
Global Agribusiness Alliance (GAA)
Soft Commodities Forum

Water

Circular Water Management
Access to Water, Sanitation and Hygiene (WASH)
Water-Smart Agriculture
Water Stewardship



Social Impact

Finance for Social Impact
Human Rights

Sustainable Lifestyles

SDGs

SDGs Action
SDG Sector Roadmaps



Business Decision-Making

Enterprise Risk Management
Measurement & Valuation

External Disclosure

Assurance & Internal Controls
Purpose-Driven Disclosure
Reporting Matters
The Reporting Exchange
TCFD Preparer Forums

Energy & Circular Economy: **Overview**

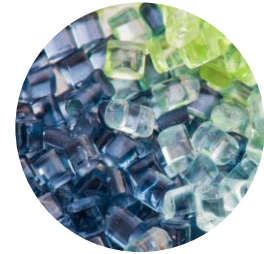
Bringing
business
together to
scale up low-
carbon and
optimal
resource
solutions

Program Areas



Energy & Climate

Facilitates cutting-edge climate and energy solutions to address critical climate and industry issues, share best practices and build a sustainable world



Factor10

Collaborates with members and partners to share practical lessons on the circular economy, collectively tackle its biggest challenges and highlight business leadership

Factor10

Value

Implement a program that penetrates into the heart of business leadership and practice

Impact

Build a critical mass of engagement within and across businesses to move the circular economy from the early adopters to the early majority

Voice

Become 'the' global business voice for circular economy through partnerships, platforms and policy recommendations to accelerate action

Factor10 Members

 **accenture**



 **ARCADIS**


ArcelorMittal


BASF
We create chemistry

**BMW
GROUP**

BCG
THE BOSTON CONSULTING GROUP




Dow

 **DSM**
BRIGHT SCIENCE. BRIGHTER LIVING.


enel

ExxonMobil


EY

HONDA

IFF
International Flavors & Fragrances


KPMG

 **MICHELIN**
A BETTER WAY FORWARD

NAVIGANT

 **NOVARTIS**

PHILIPS


pwc

 **Rabobank**


RENAULT NISSAN MITSUBISHI


RUBICON


sabie


SAINT-GOBAIN

 **SCG**

 **SOLVAY**
asking more from chemistry®


storaenso

 **VEOLIA**




YOKOGAWA

Factor10 Members represent...



Factor10: **Projects**

We are driving business solutions and initiatives that integrate the circular economy principles of life-cycle thinking and resource optimization. Our projects mobilize companies in their journey towards the circular economy.



Circular Metrics



Sector Deep Dives



Policy & Engagement



Plastic Demand-Supply Alliance
(scoping)

Circular Metrics

Supported by



1 Objective

Develop a consensus-based framework for measuring circularity within companies, and contribute business-driven input into public sector KPI frameworks

2 Companies

Apple, ArcelorMittal, BASF, CRH, Dow, DSM, Enel, ExxonMobil, IFF, KPMG, Michelin, Navigant, Novartis, Philips, PwC, Rabobank, Renault-Nissan-Mitsubishi Alliance, Solvay, Stora Enso, Veolia

3 Deliverables

- **April 2018:** Landscape analysis of circular metrics
- **October 2018:** Draft framework for measuring circularity

4 Status

- Results of the landscape analysis presented today, draft report available now for comment from WG
- Framework development kick-off meeting to be held in May

Sector Deep Dive: *Automotive*

Supported by
accenture

1 Objective

Develop an automotive sector-specific “blue print” identifying the business models, economic opportunity, challenges, risks and actions in moving towards a circular economy

2 Companies

Accenture, ArcelorMittal, BMW Group, DSM, Eastman Chemical, EY, Ford Motor Company, Honda, Microsoft, Michelin, Pirelli, Renault, Solvay

3 Deliverables

- **October 2018:** A circular automotive process manual for how each member of the value chain can capture value through the circular economy.

4 Status

- Kickoff webinar and 2nd meeting held to scope project
- Accenture Strategy to provide in-kind services for project
- Series of workshops will be scheduled in coming weeks



Sector Deep Dive: *Built Environment*

1 Objective

Develop a built environment sector-specific “blue print” identifying the business models, economic opportunity, challenges, risks and actions in moving towards a circular economy.

2 Companies

Arcadis, ArcelorMittal, CRH, DSM, Enel, Ikea, PwC, Rabobank, Saint-Gobain, Shell, Solvay, Stora Enso

Circle Economy members: ABN-AMRO, OVG Real Estate, Deerns, Renewi, Stonecycling, Van Gansewinkel

3 Deliverables (proposed)

- **June 2018:** White paper on what the circular economy looks like in the built environment and why its needed
- **October 2018:** Blueprint for how to implement circular principles along the building value chain and life cycle
- **2019:** Financial & legal implications of the circular economy in the built environment

4 Status

- Kickoff workshop held at ABN-AMRO Circl Pavilion
- Finalizing agreement on deliverables and timeline

Sector Deep Dive: *Bioeconomy*

To be updated
following
meeting on 17
April

1 Objective

3 Deliverables

2 Companies

4 Status



Sector Deep Dive: *Capital Equipment (TBD)*

1 Objective

Develop a “blue print” for capital equipment identifying the business models, economic opportunity, challenges, risks and actions in moving towards a circular economy.

2 Companies

Philips

Partners: World Economic Forum, Circle Economy

3 Deliverables

- TBD

4 Status

- Go ahead of project pending outcomes of April meeting and company interest

Plastic Supply-Demand Alliance (scoping)

1 Objective

Collaborate on the delivery of market-driven demand-supply roadmaps that measurably scale up the use of secondary plastics and avoid leakage into the environment.

2 Companies

BASF, BMW Group, Dow, DSM, ExxonMobil, Solvay, Veolia

3 Deliverables

- TBD

4 Status

- Preliminary scoping discussions with co-chairs
- Scoping dinner this week to define future project direction



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Policy & Engagement

1 Objective

Understand the emerging policy space, and develop forward-looking policy recommendations from a cross-sectoral group of global business to help drive forward circular economy.

2 Companies

Apple, ArcelorMittal, CHR, Enel, ExxonMobil, Michelin, Navigant, Renault-Nissan-Mitsubishi Alliance, Philips, Saint-Gobain, Stora Enso, Veolia

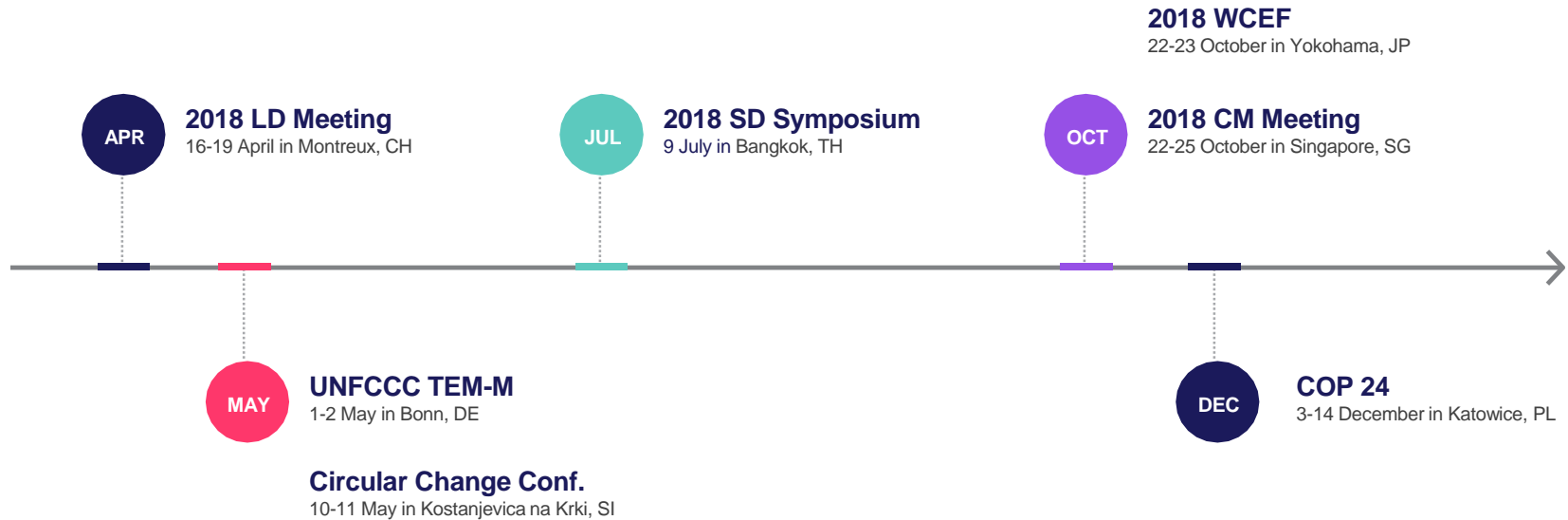
3 Deliverables

- **May-October 2018:** Development of Policy Asks
- **CM October 2018:** Deep dive policy presentation

4 Status

- Landscape analysis under development

2018 Events



Factor10: Team



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Elena Giotto
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Secondments &
In-kind Support

accenture

KPMG

NAVIGANT

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