4TH OECD ROUNDTABLE ON THE CIRCULAR ECONOMY IN CITIES AND REGIONS

12 April 2022
Session I: Towards a circular economy in Ireland
Session I: Towards a circular economy in Ireland

Soo-Jin Kim
Acting Head of the Cities, Urban Policies and Sustainable Development Division
Centre for Entrepreneurship, SMEs, Regions and Cities (CFE)
OECD
Session I: Towards a circular economy in Ireland
Launch of the OECD Report: The Circular Economy in Ireland

Yoshiki Takeuchi
Deputy Secretary-General
OECD

Ossian Smyth TD
Minister of State with responsibility for Communications and Circular Economy
Ireland
Launch of the OECD Report: The Circular Economy in Ireland

Scan the QR code with your smartphone/tablet to read the report online!
Session I: Towards a circular economy in Ireland

Launch of the OECD Report: The Circular Economy in Ireland

Panellists

Laura Burke
Director General
Environmental Protection Agency (EPA)
Ireland

Sarah Miller
Chief Executive
The Rediscovery Centre

Jim Conway
Director
Eastern and Midland Regional Assembly
Ireland

Anna Davies
Professor
Trinity College Dublin
Session II: Measuring circular economy progress in cities and regions
Session II: Measuring circular economy progress in cities and regions

Moderator

Oriana Romano
Head of Unit
Water Governance and Circular Economy
Centre for Entrepreneurship, SMEs, Regions and Cities (CFE)
OECD
Session II: Measuring circular economy progress in cities and regions
Main findings of the first self-assessment of the OECD Scoreboard: The Case of Montreal, Canada

Josée Chiasson
Director of Economic Development, City of Montreal
Canada

Juliette Lassman
Policy Analyst
Water Governance and Circular Economy Unit
Centre for Entrepreneurship, SMEs, Regions and Cities (CFE)
OECD
TOWARDS A CIRCULAR ECONOMY STRATEGY IN MONTREAL, CANADA

The first application of the OECD Scoreboard on the Governance of the Circular Economy in Cities and Regions

Juliette Lassman
Policy Analyst, OECD Programme on the Circular Economy in Cities and Regions
Centre for Entrepreneurship, SMEs, Regions and Cities
Towards a Circular Economy Strategy in Montreal

Why the shift towards a circular economy in Montreal?

- Rethink **production and consumption** models
- Optimise the **use of resources** already in circulation
- Create opportunities for **jobs, innovation** and **growth**
Why the shift towards a circular economy in Montreal?

- Rethink production and consumption models
- Optimise the use of resources already in circulation
- Create opportunities for jobs, innovation and growth

Why a collaboration with the OECD?

- Overview of the state of play based on the 12 governance indicators of the OECD Scoreboard
- Identify barriers and first steps for the development and implementation of the City’s Circular Economy Roadmap
- Consolidate a dialogue with stakeholders to building consensus on the main challenges and ways forward
A Checklist for Action

Promoters
- Awareness and transparency
- Strategic vision
- Roles and responsibilities

Facilitators
- Coordination
- Policy coherence
- Stakeholder engagement
- Appropriate scale

Enablers
- Data and assessment
- Innovation
- Capacity building
- Regulation
- Financing
The OECD Scoreboard on the Governance of the Circular Economy in Cities & Regions

Roles and responsibilities

- Strategic vision
- Awareness and Transparency
- Coordination
- Policy coherence
- Stakeholder engagement
- Appropriate scale
- Regulation
- Financing
- Capacity building
- Innovation
- Data and assessment

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Planned
In Development
In place, not implemented
In place, partly implemented
In place, functioning
In place, objectives achieved
Methodology of the evaluation process

- Identify the lead team
- Set objectives and scope of assessment
- Map stakeholders
- Organise targeted workshops
- Analyse the results and repeat one a year
Methodology of the evaluation process & application to the case of Montreal

1. Identify the lead team
2. Set objectives and scope of assessment
3. Map stakeholders
4. Organise targeted workshops
5. Analyse the results and repeat one a year

- Economic Development Department, City of Montreal
- Delegation for Francophone and Multilateral Affairs Delegation, Government of Quebec

- Promote collective thinking and knowledge sharing between stakeholders
- Share information and overcome asymmetries
- Identify policy gaps

- Public, private and non-profit stakeholders
- 117 stakeholders engaged in the evaluation

Workshop Towards a Circular Economy Strategy in Montreal, 8-10 September 2021

Gaps between government and stakeholder assessments
Visualisation of results

Roles and responsibilities
- Strategic vision
- Awareness and transparency
- Coordination
- Policy coherence
- Stakeholder engagement
- Appropriate scale
- Data and evaluation
- Innovation
- Capacity building
- Financing
- Regulation
- Stakeholder assessment
- City self-assessment

Legend:
- Planned
- In development
- In place, not implemented
- In place, partly implemented
- In place, functioning
- In place, objectives achieved
Thank you!

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The circular economy: rethinking an economic model

A roadmap for a circular economy in Montréal

Josée Chiasson
Director of the Development of Economic Poles
at the Economic Development Department
Ville de Montréal
Major City objectives

Montréal 2030: Shift towards a greener and more inclusive economy, notably by supporting the circular and social economy

2025:
- To recycle 60% of organic matter
- To reduce food waste by 50%

2030:
- Zero waste
- 55% reduction in GHG emissions compared to 1990 levels

2050: Carbon neutrality

Why transition towards a circular economy
Economic development

- Circular economy is a great way to:
  - incite the economy to grow, and promote green growth
  - enable secure supply chains
  - improve and create more sustainable environments

- The Economic Development Department can:
  - make sure the roadmap is aligned with the market needs and capacities
  - support and assist the ecosystem to do the switch
Develop and implement a circular economy roadmap to contribute to Montreal's ecological transition

The roadmap aims to ensure that Montreal:

- leads by example
- supports the ecosystem
- revises its regulations and frameworks
- promotes consultation and collaboration between stakeholders
- promotes innovation and experimentation

To be adopted in 2023
Our collaboration with OECD

**Indicators**

Roles and responsibilities led by example

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Strategic vision

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Awareness and transparency

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**Achievements**

- CE roadmap
- Integration of CE in our operations and projects
- Clear and impactful internal and external communication plans

**Recommendations**

City as PROMOTER

---

**Aims to mobilize and intensify the action of stakeholders and the City**
Our collaboration with OECD

Indicators

- **Co-ordination**
  - Perception: 0
  - Auto-assessment: 100
  - Same perception and auto-assessment: 50

- **Policy coherence**
  - Perception: 0
  - Auto-assessment: 100
  - Same perception and auto-assessment: 50

- **Stakeholder engagement**
  - Perception: 0
  - Auto-assessment: 100
  - Same perception and auto-assessment: 50

- **Appropriate scale**
  - Perception: 0
  - Auto-assessment: 100
  - Same perception and auto-assessment: 50

Achievements

- **Facilitate large-scale appropriation**
- **Set up municipal and sectoral local working groups and exchange networks**

Recommendations
### Achievements

- Facilitate experimentation and collaboration
- Develop skills
- Better equip the city and the ecosystem (data, case studies, regulations, etc.)
- Adopt guidelines on the deconstruction of buildings

**Recommendations**

- Provide soft and hard infrastructure for new circular businesses.

### Indicators

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<thead>
<tr>
<th></th>
<th>Perception</th>
<th>Auto-assessment</th>
<th>Same perception and auto-assessment</th>
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<td>Capacity building</td>
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<td>Innovation</td>
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<tr>
<td>Data and assessment</td>
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</tbody>
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**City as ENABLER**

Our collaboration with OECD
We intend to:

- Adopt a circular economy roadmap
- Increase our communication, consultation and mobilization efforts
- Continue to support and strengthen our ecosystem
- Make sure the conditions for innovation are in place
- Increase data production and sharing
Thank you for your attention
Time to hear from you!
Zoom poll
Session II: Measuring circular economy progress in cities and regions

Heinz Schandl
Chair, Metrics Working Group
Australian Circular Economy Hub

Sarah O’Carroll
Cities Lead
Ellen MacArthur Foundation
Circular Economy in Australia

4th OECD Roundtable on the Circular Economy in Cities and Regions

Heinz Schandl | 12 April 2022
Australian Material Flow Balance 2018

- 8.0% Recycling Rate
- 3.5% Circularity Rate
- 20% Circularity Potential
National, State and Regional CE Policy Initiatives

- Large investment in recycling infrastructure – Recycling Modernisation Fund
- Recycling and Clean Energy one of six priorities of the Modern Manufacturing Initiative (2021)
- Circular Economy initiatives in Victoria, New South Wales and South Australia
- City deals for nine urban agglomerations aligning three levels of government
- New South Wales Special Activation Precincts - advanced manufacturing, renewable energy and resource recovery
Rethinking policy: from waste to value
Science and Collaboration for CE

• National Environmental Science Program Sustainable Communities and Waste Hub https://www.nespsustainable.edu.au
• Fight Food Waste Cooperative Research Centre https://fightfoodwastecrc.com.au
• Australian Circular Economy Hub https://acehub.org.au
4th OECD Roundtable on the Circular Economy in Cities and Regions

Session II: Measuring circular economy progress in cities and regions

Building the path for the future of measurement

Tima Bansal
Professor of Strategy
Ivey Business School
Chair, Canadian Council of Academies Expert Panel on the Circular Economy
Session III: Lessons learned from circular cities in action
Session III: Lessons learned from circular cities in action

Moderator

Oriana Romano
Head of Unit
Water Governance and Circular Economy
Centre for Entrepreneurship, SMEs, Regions and Cities (CFE)
OECD
Session III: Lessons learned from circular cities in action
Spotlight on the Circular Economy in Tallinn, Estonia

Joosep Vimm
Vice Mayor on Innovation and Enterprise
City of Tallinn
Estonia

Ander Eizaguirre
Policy Analyst
Water Governance and Circular Economy Unit
Centre for Entrepreneurship, SMEs, Regions and Cities (CFE)
OECD
THE CIRCULAR ECONOMY IN TALLINN, ESTONIA

PRELIMINARY FINDINGS

Ander Eizaguirre
Policy Analyst, OECD Programme on the Circular Economy in Cities and Regions

12 April 2022

#circulareconomy
WHY
Towards a circular economy in Tallinn: main drivers

- Achieving carbon neutrality by 2050
- Managing the consequences of population growth on services and infrastructure
- Boosting jobs and innovation
From waste to resources management

- Landfilling reduced by 80%
- Biowaste collection more than tripled (+243%).
- CO2 emissions dropped by 67% to 37% depending on the air station (2016-2020).
- Initiatives on food waste reduction
WHAT
A national agenda towards the circular economy

Timeline of circular economy initiatives in Estonia 2018-2022

- Stakeholder engagement event 2018
- Study on Circular Economy Indicators 2019
- Circular Economy Conference 2019
- Mapping of actors and initiatives in Estonia 2021
- Launch of a circular economy strategy and action plan 2022
The circular economy vision in Tallinn

A circular economy strategy by 2023

- Tallinn 2035 (2020)
- New Circular Economy Department (2021)
- Climate-neutral Tallinn (2021)
- New Waste Management Plan 2022
- European Green Capital 2023
Governance challenges

**Funding gaps**
- Insufficient financial resources
- Financial risks
- Lack of critical scale for business and investments
- Lack of private sector engagement

**Regulatory gaps**
- Inadequate regulatory framework
- Incoherent regulation across levels of government

**Policy gaps**
- Lack of holistic vision
- Lack of political will

**Awareness gaps**
- Cultural barriers
- Lack of awareness
- Inadequate information

**Capacity gaps**
- Lack of human resources
- Lack of technical solutions
Preliminary recommendations for Tallinn

- Making the **Circular Economy Department** operative and clarifying its mandate.
- Embracing a **systemic approach** to the circular economy.
- Establishing a **long term view** for the circular economy.
- Raising **awareness** on the circular economy.

**Promoter**

- Building an effective green **public procurement** with circular economy criteria.
- Supporting **innovation** in the circular economy.

**Facilitator**

- **Fostering coordination** between local and national governments.
- Supporting **social enterprises** to implement a circular economy.

**Enabler**

- Mobilising **adequate financial resources** and incentivising behavioral change.
- Maximising the opportunities of **digitalisation and data**.

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Thank you!

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Session III: Lessons learned from circular cities in action

From theory to implementation

Rosa Huertas
Director of the Innovation, Economic Development Employment and Commerce Department
Valladolid City Council
Spain

Anthony Naralingom
Head of Economic Transition and Entrepreneurship Awareness Unit
Brussels Agency for Business Support
Belgium
Lessons learned from implementing Circular Economy in Valladolid (Spain)

Rosa Huertas
Director of Innovation, Economic Development, Employment and Commerce
City of Valladolid (Spain)

#ValladolidCircular
- CHALLENGES: ECONOMIC CRISIS AND CLIMATE EMERGENCY
- OPPORTUNITIES OF CIRCULAR ECONOMY: - RECOVERY, TRANSFORMATION AND RESILIENCE IN ECONOMIC GROWTH
- PRE-REQUISITE FOR CLIMATE NEUTRALITY
# Circular Economy Plan 2021-2023 in a nutshell

<table>
<thead>
<tr>
<th>Mission</th>
<th>Vision</th>
<th>Values</th>
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<tbody>
<tr>
<td>Promote the circular economy as a paradigm of a new model with</td>
<td>Make Valladolid a benchmark city in circular economy, considering it</td>
<td>Innovation; sustainability; efficiency; competitiveness; transversal</td>
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<tr>
<td>economic, environmental and social benefits and facilitate the</td>
<td>key to its goal of being a climate neutral city by 2030.</td>
<td>vision; shared responsibility; life-cycle approach.</td>
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<td>conditions for its development.</td>
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## Establishment and development of its strategic objectives:

- Incorporating the circular dimension into local urban policies
- Promoting the circular transition of the local productive fabric
  - Fostering the role of citizens as agents of change

Each of these strategic objectives becomes a line of action which in turn is divided into a number of programmes which then are developed through different projects. In total there are 12 programmes and 47 projects stemming from the programmes.
Línea estratégica 1: Incorporar la dimensión circular en las políticas urbanas locales

PROGRAMA 1: Ciclo urbano del agua
Promover una gestión más eficiente de redes e infraestructuras
Fomentar el ahorro en el consumo de agua,
Fomentar la reutilización del agua y de los recursos derivados de su gestión
Promover el aprovechamiento y gestión sostenible de otros recursos hídricos

PROGRAMA 2: Reducir los residuos y favorecer su reciclaje
Elaborar un enmarcado de prevención y gestión de residuos
Darse de un marco normativo actualizado para la recogida y el tratamiento de los residuos
Fomentar la reutilización en origen, y ampliar y potenciar la recogida selectiva de residuos, incrementando la calidad de las fracciones
Mejora del Centro de Trasformación de Residuos

PROGRAMA 3: Fomentar el ciclo de los materiales
Potenciar la producción bajo los parámetros de ecodiseño
Centro de I+D+i sobre residuos
Observatorio de residuos y economía circular
Desarrollar y fomentar acciones de construcción sostenible
Desarrollar acciones que incentiven el manutención de los productos y los materiales en el ciclo económico

PROGRAMA 4: Contratación pública circular
Garantizar la calidad y durabilidad
Maximizar el uso eficiente
Promover la reutilización, la reparación y remanufacturación
Incorporar criterios de sostenibilidad y cercanía en la compra pública

PROGRAMA 5: Posicionamiento
Participación en redes, entidades y planiformas
Visibilizar las acciones y políticas municipales vinculadas a la economía circular
Cepación de financiación pública y privada
Capacitar a los empleados municipales
Realizar un guía de eventos sostenibles

Línea estratégica 2: Promover la transición circular en el tejido productivo local

PROGRAMA 1: Semillero de emprendimiento y empresa circular
Espacios de ideación: “CIRCULARTHON”, “CIRCULAR WEEKEND”, DESAFIO CIRCULAR
Espacios de encuentro y de diálogo
Espacios de implementación: HUB DE INNOVACIÓN, CIRCULAR LAB

PROGRAMA 2: Formación y capacitación
Formación y capacitación de los trabajadores como agentes del cambio
Formación para autónomos, emprendedores y PYMES
Formación para el empleo, especialmente de colectivos vulnerables
Colaborar con las entidades de FP y la universidad para el desarrollo de perfiles profesionales especializados en economía circular y sostenibilidad

PROGRAMA 3: Apoyo técnico y financiero
MENTOR-EC
Consultoría especializada
Fomento del uso de subproductos y mercado secundario local de materias primas mediante plataformas o bancos de materiales
Apoyo financiero

PROGRAMA 4: Conocimiento, Información y networking
Elaborar estudios que favorezcan el desarrollo de la economía circular
Mapeo y visibilización de iniciativas y proyectos empresariales de economía circular en Valtadolid
Colaborar con universidades y centros tecnológicos para facilitar la transferencia de conocimiento
Hub ECCUS (Economía Circular y Ciudades Urbanas Sostenibles)25 Premio TFG/TFM/Iniciativa Empresarial en economía circular
Comunidad circular y Embajadores de economía circular

Línea estratégica 3: Impulsar el papel de la ciudadanía como agente de cambio

PROGRAMA 1: Consumo Informado
Comercio Sostenible
Derecho a reparar
Etiquetas y certificaciones para la sostenibilidad

PROGRAMA 2: Consumo responsable
Hogar Circular
Consumo en comunidad
Jóvenes consumidores

PROGRAMA 3: Asociaciones de consumidores y usuarios
Formación específica
Apoyo financiero
THANK YOU
Time to hear from you!
Zoom poll
Session III: Lessons learned from circular cities in action

Circular cities and social justice: what future?

Saskia Sassen
Robert S. Lynd Professor of Sociology
Columbia University
United States
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