The Circular Economy Package and the EU Forest Strategy

Sarah Whitaker, Euromontana
What is the Circular Economy?

Maintain value of products, materials and resources in the economy for as long as possible

Reduce waste
Circular Economy Package Timeline

<table>
<thead>
<tr>
<th>Event</th>
<th>Date/Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Package Proposed</td>
<td>(December 2, 2015)</td>
</tr>
<tr>
<td>Feedback solicited from the public</td>
<td>(May-August 2015)</td>
</tr>
<tr>
<td>Vote in DG – Environment Committee</td>
<td>(November 2016)</td>
</tr>
<tr>
<td>Anticipated</td>
<td>(March 2017)</td>
</tr>
</tbody>
</table>
The Circular Economy Package

### 4 legislative proposals on waste
1. waste reduction and waste management
2. landfilling
3. packaging and packaging waste
4. recycling, disposal, and reuse of electric and electronic waste

### Action Plan

#### Key Action Areas
1. Production
2. Consumption
3. Innovation
4. Waste Management
5. Markets for Secondary Raw Materials
6. Monitoring

### Priority Sectors
1. Plastics
2. Food Waste
3. Critical Raw Materials
4. Construction and Demolition
5. Biomass and Bio-based Products
Legislative Proposals – Reducing Waste

The waste hierarchy

STAGES

Prevention

Preparing for re-use

Recycling

Other recovery

Disposal

INCLUDES

Using less material in design and manufacture
Keeping products for longer: re-use
Using less hazardous material
Checking, cleaning, repairing, refurbishing, repair; whole items or spare parts
Turning waste into a new substance or product including composting if it meets quality protocols
Including anaerobic digestion, incineration with energy recovery, gasification and pyrolysis which produce energy (fuels, heat and power) and materials from waste; some backfilling operations
Landfill and incineration without energy recovery
Action Plan - Relevance for Forestry

Key Action Areas

1.) Production
2.) Consumption
3.) Innovation
4.) Waste Management
5.) Markets for Secondary Raw Materials
6.) Monitoring
Action Plan - Production

**Innovative and Efficient Production Processes**

1. Eco-Design Directive – environmental impact requirements for energy related products
2. Extended producer responsibility schemes – responsibility for product beyond product sale
3. Product design for a long life-cycle
4. Energy efficient production
5. Make it easier for products from one industry to be used in another

**Circular Product Design**

Forestry – Biological origin, source of energy, need for novel designs

## Objectives

- Recycle 65% of municipal waste and 75% of packaging waste by 2030
- Reduce landfill to a maximum of 10% of total waste by 2030

## Commission actions

- Promote markets for secondary raw materials
- Create quality standards
- Promote non-toxic material cycles
- Track chemicals of concern

## Application to Forestry and Mountain Areas

- Reduce resource waste, protect limited resources
- Boost innovation
- Reduce environmental impact of waste

Secondary raw materials, such as bioash and wood shavings, produced in the forestry sector are already being used to generate energy and novel products.
Action Plan - Innovation

- Wood and non-wood forest products
- Ecosystem services
- Production cycles, marketing, reuse, recycling, upcycling, education, and management
Circular Economy Priority Areas

Priority Sectors

1.) Plastics
2.) Food Waste
3.) Critical Raw Materials
4.) Construction and Demolition
5.) Biomass and Bio-based Products

Application to Forestry and Mountain Areas?

1.) Protect mountain environments
2.) Demand for new products can promote economic growth
3.) Renewable forest products
EU Forestry Strategy

Strategy for the forest sector in order to support sustainable forest management and strengthen the coordination of the European Union with Member States as well as the cohesion of EU policies affecting forests.
Key Principles of the EU Forest Strategy

Sustainable Forest Management
- Primary resources
- Goods
- Ecosystem Services

Resource Efficiency
- Rural development
- Economic Growth
- Job Growth
- Competitiveness of Sector

Global Forest Responsibility
- Responsible sourcing of imports

Coordination, Cooperation, Communication
Coherence Between EU Forest Strategy and Circular Economy Package

Overall Objectives
Maintain value of products, materials and resources
Reduce waste

Action Plan
Production
Waste and Secondary Raw Materials
Innovation

Legislative Proposals
Increase recycling
Reduce landfill waste
Manage secondary raw materials

Priority Areas
Critical Raw Materials
Construction and Demolition
Biomass and Bio-based Products

Sustainable Forest Management
• Primary resources
• Goods
• Ecosystem Services

Resource Efficiency
• Rural development
• Economic Growth
• Job Growth
• Competitiveness of Sector

Global Forest Responsibility
• Responsible sourcing of imports

Coordination, Cooperation, Communication