

# IRLE 5 – Bourgogne-Franche-Comté Region | **MINUTES**

## Date 23<sup>rd</sup> and 24<sup>th</sup> of November 2021 | Location Online

### TABLE DES MATIERES

OPENING OF THE IRLE 5 – by Stéphanie MODDE – Regional Councillor in charge of ecological transition: energy, biodiversity, food, circular economy and water .....	2
THEMATIC 1 - RECOVERY OF LOCAL WOOD .....	3
<b>Project to develop secondary wood in Cluny –ENSAM in Cluny - FRANCE</b> .....	3
<b>Life wood for future project –University of Granada - SPAIN</b> .....	3
THEMATIC 2 - SUSTANAIBLE FOOD SYSTEM.....	4
<b>The Solidarity Pot in Pontarlier – La Marmite solidaire– Préval’Haut-Doubs - FRANCE</b> .....	4
THEMATIC 3 - RECYCLING CENTER.....	4
<b>The Nièvre Intercommunal Energy, Equipment and Environment Syndicate – SIEEEN Bourgogne-Franche-Comté Region - FRANCE</b> .....	4
<b>Association La Fabricole in Corbigny - Association APIAS Bourgogne-Franche-Comté Region – France</b> .....	5
<b>Catalogue of Construction Waste and recycled Products made by UCEEB - Cyril KLEPEK.....</b>	5
<b>CZECH REPUBLIC.....</b>	5
THEMATIC 4 - POPULATION AWARENESS AND TRAINING FOR CIRCULAR ECONOMY .....	6
<b>The circular walk of Etang-sur-Arroux - Association Fou de Fougerette - Bourgogne-Franche-Comté Region - FRANCE</b> .....	6
<b>Ciconia Consultores Ambientales - social awareness and training for companies for the transition to circularity - Company- Consultant CICONIA</b> .....	6
<b>Plasticircle - Regional Development Agency Centru - Region Centru - ROMANIA.....</b>	6
2 examples of good practices’ transfer .....	7
<b>From 1000 doctorants pour les territoires in FR to Puentes in ES.....</b>	7
<b>From Fjildlab in NL to the project of a Circular Urban Living Lab in RO</b> .....	7

23<sup>rd</sup> of November 2021

## OPENING OF THE IRLE 5 – BY STÉPHANIE MODDE – REGIONAL COUNCILLOR IN CHARGE OF ECOLOGICAL TRANSITION: ENERGY, BIODIVERSITY, FOOD, CIRCULAR ECONOMY AND WATER

### **The region's skills**

The Circular economy roadmap in Bourgogne-Franche-Comté (here called FREC) is part of two new competences devolved to the region. The first is the Regional Waste Prevention and Management Plan (PRPGD). Adopted in November 2019, it aims to reduce the production of household and similar waste, waste from economic activities and construction waste. The second is the animation of territorial circular economy and EIT approaches which should soon be attributed to the Regions in the framework of the Anti-waste for a Circular Economy Law (AGEC law) (decree in progress). FREC BFC is anticipating these new skills.

### **The circular economy - the resource economy**

For the CRBFC, the CE embraces all resources and raw materials necessary for the development of the societies. The production of waste is indeed strongly correlated to the consumption of resources. To reduce waste, we must therefore reduce the pressure on resources. To consume less, and to produce sustainably so that products/goods/equipment are at the end of their life, repairable, reusable, reconditionable and at the end of the chain recyclable but also and above all repaired, reused, reconditioned, and recycled.

### **Raw materials consumed in the region**

The work to update the study of material flows in the region carried out in 2018 for the preparation of the agro-environmental and climate projects and FREC showed that the Burgundy-Franche-Comté region consumes resources and produces waste in very large quantities for its development, with a majority of resources and products imported, incompatible with the preservation of the biosphere.

### **Raw materials - what are they?**

Resources (also called natural resources, primary resources, or raw materials) are all the elements that occur naturally on Earth. These natural resources are necessary for the needs of humans, animals, and plants: water, air, soil, etc. They can be extracted, transformed, and then marketed. A real economic activity results from this. A distinction is made between renewable resources or raw materials, i.e., natural resources which stock is replenished over a short period of time on a human time scale, and non-renewable resources or raw materials which are renewed in a negligible way on a human time scale.

### **Changing the model - an emergency**

The circular economy widens the scope of investigation to all the raw materials consumed for the regional development and its waste production. As for all industrialised countries, the region consumes 3 times more raw materials and produces 4 times more waste than the world average. Its ecological pressure is 3 times greater than the capacity of the biosphere. Some resources that were thought to be inexhaustible in the region are now under pressure, with risks of shortages in the future, such as water, the most widely used resource in the region. We must therefore change the model - the socio-economic model.

### **The FREC - a complement and a reinforcement of the PRPGD on the raw materials side.**

The FREC was developed in response to these resource saving issues. It complements and reinforces the actions voted within the framework of the Regional plan dedicated to waste prevention and management (called PRPGD). Adopted on 26th of June 2020, it includes 4 objectives, 4 commitments, 46 actions and 150 measures which will now be presented. The FREC BFC 2020-2025 is a voluntary initiative by the Region to commit its action and intervention policies to a new, more resource-efficient model.

- 1st objective: preserve and save resources
- 2nd objective: increase the resilience of the regional territory.
- 3rd objective: to think of new intervention and decision frameworks
- 4th objective: decompartmentalise and integrate into all public policies.

## THEMATIC 1 - RECOVERY OF LOCAL WOOD

---

### Project to develop secondary wood in Cluny –ENSAM in Cluny - FRANCE

[activites.bois.cluny@ensam.eu](mailto:activites.bois.cluny@ensam.eu)

Wood Material and Machining  
Arts et Métiers, Institute of Technology, UBFC, Hesam University

The laboratory team and its activities regarding research transfer were presented to the participants.

Research activity and transfer

Context : Local medium to low quality wood recovery to make Engineered Wood Products

1st axe : Primary Transformation process

2nd axe : Wood and Engineered Wood Product grading and mechanical modeling

---

### Life wood for future project –University of Granada - SPAIN

[www.life-woodforfuture.eu](http://www.life-woodforfuture.eu)

[www.life-woodforfuture.eu](http://www.life-woodforfuture.eu)

#### How fast-growing planted forests can support local circular economy and sustainability?

The project is about the recovery of Granada-Vega poplar groves to boost biodiversity and long-term carbon capture through structural bioproducts. It project puts in value the local wood resources coming from valleys (poplars) and mountains (pines) and reaches the building market joint with its "star material", concrete (accepted by professionals, builders and users). This Life project promotes industrialized construction: local industry and works on reducing the ecological footprint of the building sector.

#### LIFE WFF will boost cooperation between all the actors along the value chain:

- **Forest owners:** Poplar Owners Association who will implement a network of demonstration plots using a sustainable forestry for producing quality wood
- **Industry:** Industrialists and investors. They will have the opportunity for a new local business (laminated wood industry and sustainable construction). **Local industry plays a key role.**
- **Architects:** Training for design and execution of buildings with wood
- **Promoters and construction companies:** Training and for construction with timber. Demonstration buildings

#### Public research entities (knowledge transfer):

- **IFAPA** (Research at the level of forest plantations and ecosystem benefits)
- **University of Granada:** Mechanical properties of poplar wood
- **University of Santiago de Compostela:** Development of structural products

#### Public governance entities at the local, province and regional levels:

- Local nursery for timber production and restoration (Diputación de Granada)
- Promote direct aids to the sector (PAC)
- Promote sustainable construction with wood
- Promote the circular bioeconomy
- Promote rural development

#### The tangible results and the added value of the project:

a) To build a new economic ecosystem of new businesses at local level:

b) Restoration of riverbanks and numerous environmental and cultural benefits for society

## THEMATIC 2 - SUSTAINABLE FOOD SYSTEM

---

### The Solidarity Pot in Pontarlier – La Marmite solidaire– Préal’Haut-Doubs - FRANCE

#### Overview

1 year after starting : November 2020 - November 2021

Year 1 : TEST - verification of hypotheses + construction of the economic model to continue

#### A MISSION, A RANGE OF ACTIVITIES

- Valuation of unsold food :
- Accompaniment of people in social remobilization
- Free distribution of meals to food aid recipients
- Catering services for partners
- Sales directly and via local businesses
- Corporate Team Buildings
- Awareness-raising workshops: “Healthy cooking, global eco-responsibility”

## THEMATIC 3 - RECYCLING CENTER

---

### The Nièvre Intercommunal Energy, Equipment and Environment Syndicate – SIEEEN Bourgogne-Franche-Comté Region - FRANCE

[laure.baudin@sieeen.fr](mailto:laure.baudin@sieeen.fr)

[isabelle.rieutort@sieeen.fr](mailto:isabelle.rieutort@sieeen.fr)

[lydie.landurier@wanadoo.fr](mailto:lydie.landurier@wanadoo.fr)

The mayors of most cities of La Nièvre (one of the 8 departments constituting the region Burgundy-Franche-Comté) have transferred to the SIEEEN (Intercommunal union for energy, equipment and environment) the power to take care of :

- Electricity and gas purchase for public distribution
- Public lighting
- Waste treatment & circular economy
- Energy renovation and architecture advice for public buildings
- Renewable energies development
- Computer and data services
- Wood boiler rooms
- Electric cars charging stations
- Policies towards carbon neutrality

Today the main actions to enhance circular economy and ecological transition consist in the creation of a network of local players:

- Sharing the knowledge and experiences to save the natural resources by putting back into circulation second hand objects and by extending their life span through their repair or reuse...
- Integrating people far from employment within the structures

---

**Association La Fabricole in Corbigny - Association APIAS Bourgogne-Franche-Comté Region – France**

[nicolas.angue@laposte.net](mailto:nicolas.angue@laposte.net)

APIAS (Association for Integration and Social Support) affirms its determination to combat all types of discrimination both in the field of disability and in that of exclusion. This association works on waste reduction and consumption of resources through recycling.

---

**Catalogue of Construction Waste and recycled Products made by UCEEB - Cyril KLEPEK CZECH REPUBLIC**

<http://www.recyklujmestavby.cz/>

[Tereza.pavlu@cvut.com](mailto:Tereza.pavlu@cvut.com)

UNIVERSITY CENTRE FOR ENERGY EFFICIENT BUILDINGS, CTU in PRAGUE (UCEEB)

The objective of the project is adaptation of recycling technology so as to achieve the highest quality input material with stable properties and thus ensure efficient use of all components of recycled waste concrete. This catalogue brings to the various stakeholders a series of possible usages in various materials:

- Recycled / recyclable material
- Secondary raw material
- Inert waste, hazardous waste etc
- The recycled materials with potential of the use in construction industry
- The products containing recycled materials
- EU and Czech law documents
- Certification, Requirements and Standards

**Ecoparque - Inclusive recycling center - Director of Ecoparque and head of the training and employment area of Asprogrades Granada - SPAIN**

[direccionecoparque@asprogrades.org](mailto:direccionecoparque@asprogrades.org)

This recycling centre is created thanks to an agreement with the Granada City Council for waste management in the city of Granada. Its main objective is to provide workers with disabilities with productive and remunerated work, appropriate to their characteristics and to facilitate the labour integration of these workers in the labour market.

## THEMATIC 4 - POPULATION AWARENESS AND TRAINING FOR CIRCULAR ECONOMY

---

### The circular walk of Etang-sur-Arroux - Association Fou de Fougerette - Bourgogne-Franche-Comté Region - FRANCE

[contact@fougerette.org](mailto:contact@fougerette.org)

<https://transitioncastle.org/balade-circulaire>

<https://www.facebook.com/BaladeCirculaire>

Created in 2013, the association Fou de Fougerette is committed to the ecological and economic transition under the aegis of #TransitionCastle. It promotes art and culture in all its forms and animates the castle park with its activities. The Circular Walk projects a positive vision that allows visitors to understand how they can act for the world of tomorrow. A permaculture garden, beautiful and abundant invites visitors to reconnect with nature, explore sustainable solutions and join the circle of those who are committed to the economic and ecological transition! The Circular Walk is a beautiful shaded walk that lasts between 30-60 minutes and winds around a pond. It is also an educational trail that presents the concept and assets of the circular economy as well as practical examples – and the presentation of information panels is one of them as they are made from rice bran and mounted on objects found at the local flea market, converted for this purpose. The Circular Walk also includes a hunt for "golden circles" to ensure that small guests also stay on the circular rail.

---

### Ciconia Consultores Ambientales - social awareness and training for companies for the transition to circularity - Company- Consultant CICONIA

[www.ciconia.es](http://www.ciconia.es)

[ciconia@ciconia.es](mailto:ciconia@ciconia.es)

This company considers the ways to pave the transition to circularity for companies and public administrations. They work on circular education by empowering the clients to make decisions and act responsibly for the sake of environmental integrity, the circular economy, and greater social ethics. It is an **environmental Consulting which** advocates for quality, circularity and competitiveness. This is also a tool for circularity as a **biomimetic canvas**. It allows to develop a value proposition, based on solving the real problems of the consumers, which not only guarantees the desire to buy, but the durability of this desire over time.

---

### Plasticircle - Regional Development Agency Centru - Region Centru - ROMANIA

[office@adrcentru.ro](mailto:office@adrcentru.ro)

PlastiCircle, an initiative developed in Alba Iulia, focus on informing and involving citizens in aspects regarding correct plastic recycling and its importance for health, environment, and economy. The first tests involved innovative solutions like smart containers, citizens platform, route optimisation in order to improve plastic collection efficiency and recycling. The team received feedback from citizens together with data regarding quantities and types of plastic (addressing first steps to a circular economy).

## 2 EXAMPLES OF GOOD PRACTICES' TRANSFER

---

### From 1000 doctorants pour les territoires in FR to Puentes in ES

**Puentes means bridges in Spanish, bridges between universities and local governments.** It is a pilot programme elaborated by the County council of Granada and inspired by the French programme '1000 doctorants pour les territoires'. The French programme is about sending PhD candidates to local governments for 3 years, with the help of a state grant (learn more <https://www.interregeurope.eu/policylearning/good-practices/item/5616/phd-students-in-local-administrations-to-address-climate-economic-and-social-challenges/>). **Puentes is about 6 months paid internships of Master level students in municipalities around Granada on sustainable development and circular economy.**

**The initiative is part of the local urban agendas.** Puentes helps support 29 themes of different local urban agendas.

**Students receive a specific training programme on circular economy** with 7 different modules.

---

### From Fjildlab in NL to the project of a Circular Urban Living Lab in RO

During IRLE 1 in Leeuwarden NL in February 2020, partners got to discover a good practice called the Fjildlab. It a 4 helix territorial open lab for which researchers are leading a territorial dynamic around circular agriculture. More than 100 projects are being developed in this frame. To learn more <https://www.interregeurope.eu/colorcircle/news/news-article/8573/fjildlab-a-4-helix-field-laboratory/>

The Romanian partner ADR Centru took great interest in this good practice from NL and organized on 25 26 October 2021 a bilateral visit for the Dutch partner and its local stakeholders to meet with their peers in Romania as the Romanian partner is planning on its draft action plan to elaborate a circular living lab based on the Dutch example. The visit gathered researchers, elected officials, entrepreneurs, associations from the 2 countries.

## STUDY VISIT

Videos were presented to the participants to replace the on-site study visit due to the COVID-19 crisis (under the specific measures taken by the joint secretariat to address the pandemic situation). Videos are available on COLOR CIRCLE website.