



## CIFAL Miami- Circular economy

### Population

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Type:	Workshop
Emplacement:	Quito, Ecuador
Date:	15 juin 2019
Durée:	1 Days
Zone du programme:	Decentralize Cooperation Programme
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Partenariat:	Momentum Novum, , EDES Business School, , Impaqto la Floresta, , Alumni USFQ, , Taguarte

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## CONTEXTE

The idea of developing a circular economy model is focused on using the materials and resources for as long as possible. A key element of circular economy is to have the least environmental impact and maximize the utility of every single resource used.

## OBJECTIFS DU COURS

Circular economy is a concept that interacts with sustainability, and whose objective is that the value of products , materials and resources is maintained in the economy for as long as possible and that to minimize waste generation

## OBJECTIFS D'APPRENTISSAGE

At the end of the course, participants will be able to:

- Differentiate a linear and a circular economy model.
- Identify the benefits of implementing a circular model in the manufacturing of products.
- Calculate the circularity of a product.
- Be able to perform circularity calculations of products based on inorganic raw material.
- Be able to identify options to improve the circularity of their products.

## CONTENU ET STRUCTURE

The workshop consists of the following four sessions:

- The linear and circular economy: Definitions and introduction: This first section will introduce the main terms related to the circular economy, starting from its linear counterpart. It will then cover the need to include circular processes at each stage of the production chain, product shelf life, and subsequent use.
- Example in practice: The history of Taguarte: This section will discuss the history of Taguarte, its needs, its products, and how Momentum helped determine the levels of circularity of its products. The presentation of this example will help to give a more practical approach to this workshop and the benefits that the calculation of circularity provides to companies.
- How to measure a product: This section will cover the technical element of the workshop. The key terms, the values needed to perform the calculations, the reasoning behind each value, and the formulas used will be presented. We will use a simple example to facilitate the understanding of this process.

- Measurement of my circularity: Hands-on workshop with participants. Each participant will have to perform the calculation of the product they are producing through the tool developed by Momentum Novum. For this it is necessary that the participant has a computer or electronic medium, the product, and the data that we will request once their participation in the workshop is confirmed.

## **MÉTHODOLOGIE**

As the workshop aims to develop skills and build capacities regarding circular economy, the methodology will be mainly focused on real-life examples to provide a good overview of what circular economy is. In addition to that, most of the workshop will be hands-on and the participants will have the guidance of the Momentum Novum Team.

## **AUDIENCE CIBLE**

This workshop is intended for entrepreneurs, product developers, business persons, and the general public of Quito Ecuador.