



**CircE**

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# BAT and circular economy: work in progress in Lombardy Region

**Lombardy Team - Laura Losa**

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# Starting point -

On 17 August 2018, BATc was released on WT plants by European Commission.

Decision UE 2018/1147

This Act covers the installations of 254 of waste (hazardous and non-hazardous) treatments in Lombardy Region.

# Introduction

- **BATc obviously covers a wide range of activities,**
- **BATc define general good practices**
- **G.P. should be addressed to regional level**
- **Lombardy Region is working on to hone in on criterias at regional level**
- **AIM = Improve circular perfomances into environmental effective**

**The Lombardy Region is working with different groups within province, trade associations and well performing plants in order to support the homogeneous application of BAT.**

**This could be an important change for the future.**

# *WHY BAT is closely linked to Circular Economy?*

- Some of the criteria for determining best available techniques
  - **the use of low-waste technology;**
  - the use of less hazardous substances;
  - **the furthering of recovery and recycling of substances generated and used in the process and of waste, where appropriate;**
  - comparable processes, facilities or methods of operation which have been tried with success on an industrial scale;
  - **the consumption and nature of raw materials (including water) used in the process and energy efficiency;**
  - **the need to prevent or reduce to a minimum the overall impact of the emissions on the environment and the risks to it;**





- **BATc provide a useful contribution .**

# ON THE PRACTICAL SIDE

- Which kinds of materials are regulated into BATc WT ?

Just a few examples

- Production of Waste fuel  for cement plants
- Recover of carbon fiber from automotive components
- Recover and valorize Bottom ashes from Incinerators
-  MATRIX, a manmade aggregate used in all sectors of the Green Building Industry.
- **And so on ..... and so on ....**

## ***TO SUM UP***

***BAT is proving to be very effective and successful through Lombardy Region***