



## **DELIVERABLE 6.7**

### **Eco-Bot Video Version 1**

PLEGMA  
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[www.eco-bot.eu](http://www.eco-bot.eu)



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## D6.7: Eco-Bot Video Version 1

### Summary

This deliverable documents the creation of the first version of the Eco-Bot project video which will be the main video to communicate and disseminate the project's visibility and results. This first video that was produced by the project consortium is uploaded on the project's YouTube channel and leverages the YouTube platform capabilities to share and embed it online.

#### DELIVERABLE NUMBER

D6.7

#### WORK PACKAGE

WP6

#### LEAD BENEFICIARY

PLEGMA

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31/01/2020

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12/02/2020

#### DISSEMINATION LEVEL

x PU = Public

PP = Restricted to other programme participants

CO = Confidential, only for members of the consortium

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## List of Acronyms and Abbreviations

CO: Confidential

PU: Public

WP: Work Package

## Executive summary

This deliverable documents the creation of the first version of the Eco-Bot project video which will be the main video in order to communicate and disseminate the project's visibility and results. This first video that was produced by the project consortium has been uploaded on the project YouTube channel and leverages the YouTube platform capabilities to share and embed it online. In this deliverable we briefly describe the content of the video and provide the links to the Eco-Bot YouTube channel and the first video.

## 1. Eco-Bot YouTube channel

The Eco-Bot consortium has selected the YouTube platform to host our videos since it is the most popular social service globally as well as the easiest and most user friendly to operate.

The platform offers an extensive administration panel for uploading, editing, tracking, monitoring etc. called YouTube Studio which we intend to utilise. Figure 1 shows our Channel dashboard admin view.

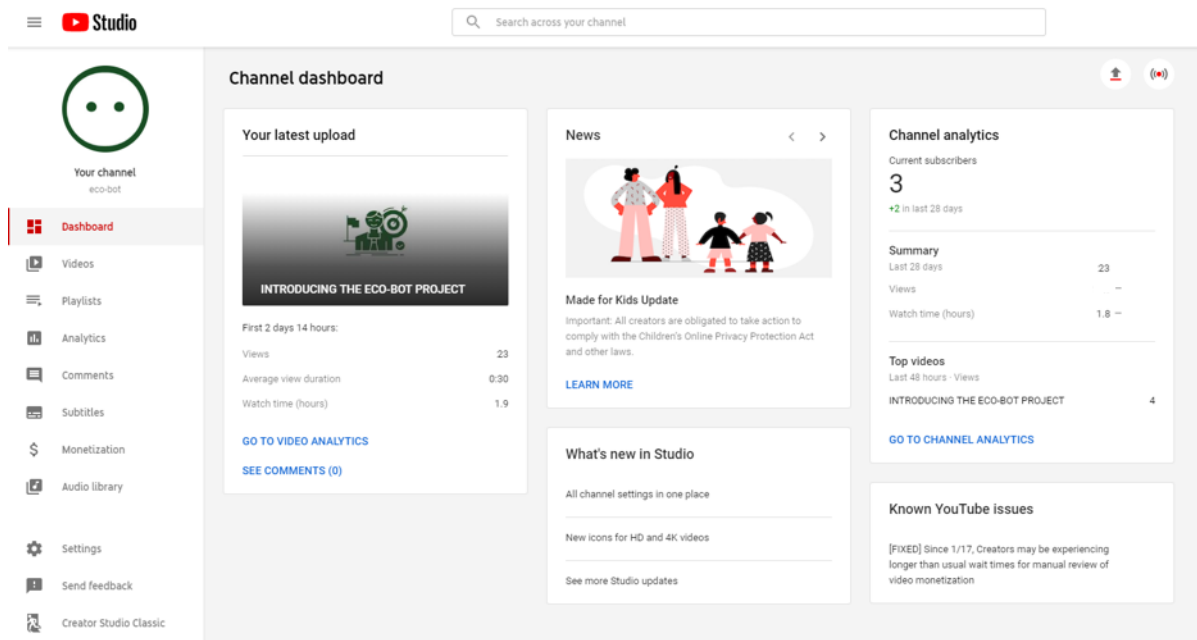


Figure 1: YouTube Studio Channel dashboard admin view

The platform provides the opportunity to users to create and operate a “channel” where one can upload and manage their videos. The Eco-Bot YouTube channel is depicted in Figure 2 and is available at: [https://www.youtube.com/channel/UCdTrJv2eHo7\\_3tAfpbTPAnA](https://www.youtube.com/channel/UCdTrJv2eHo7_3tAfpbTPAnA). This channel will be used for uploading and disseminating the Eco-Bot videos. At the time of writing this deliverable, the first Eco-Bot video has just been uploaded on YouTube.

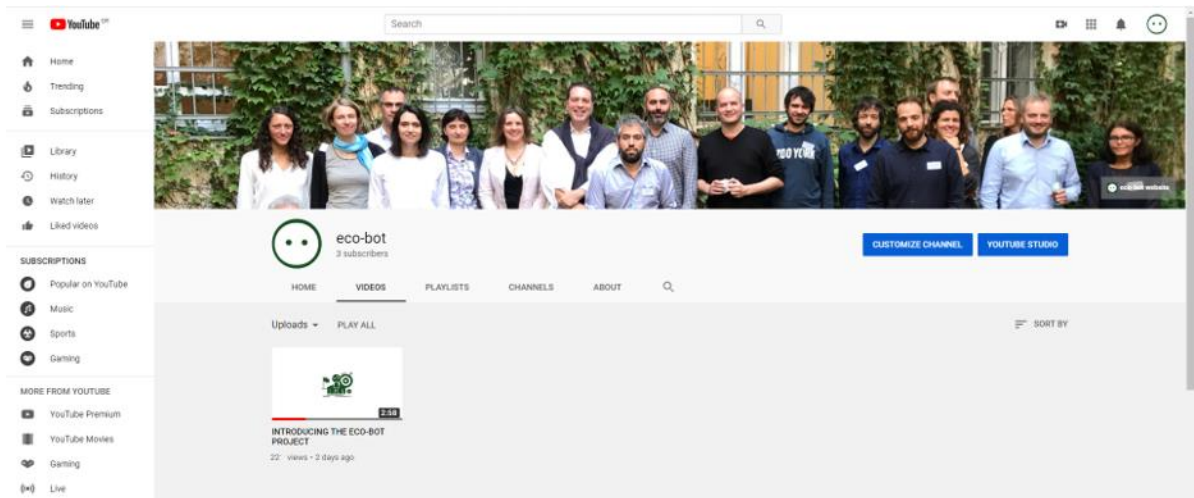


Figure 2: Eco-Bot YouTube channel

## 2. First Eco-Bot Video

The first video of the Eco-Bot project was produced in January 2020 (M28) and released on YouTube on February 3, 2020. It is available at: [https://youtu.be/Yhg8s-K\\_WnQ](https://youtu.be/Yhg8s-K_WnQ).

The aim of this first Eco-Bot video, titled “Introducing the Eco-Bot project”, is to present in a brief (under three minutes), fast-paced, and high-level manner the fundamentals of the project and introduce a wide audience to the benefits of the Eco-Bot approach to personalised energy efficiency.

### 2.1. Video content

In order to achieve the above mentioned goals, we have selected the following thematic areas for the video:

- Introduction and scope of the project
- Introduction of our pilots
- Explanation of the goals of each pilot
- Indicative use cases: “what does the bot actually do?”

The figures below show example frames from the video for the above thematic areas.





Figure 3: Introduction and scope of the project

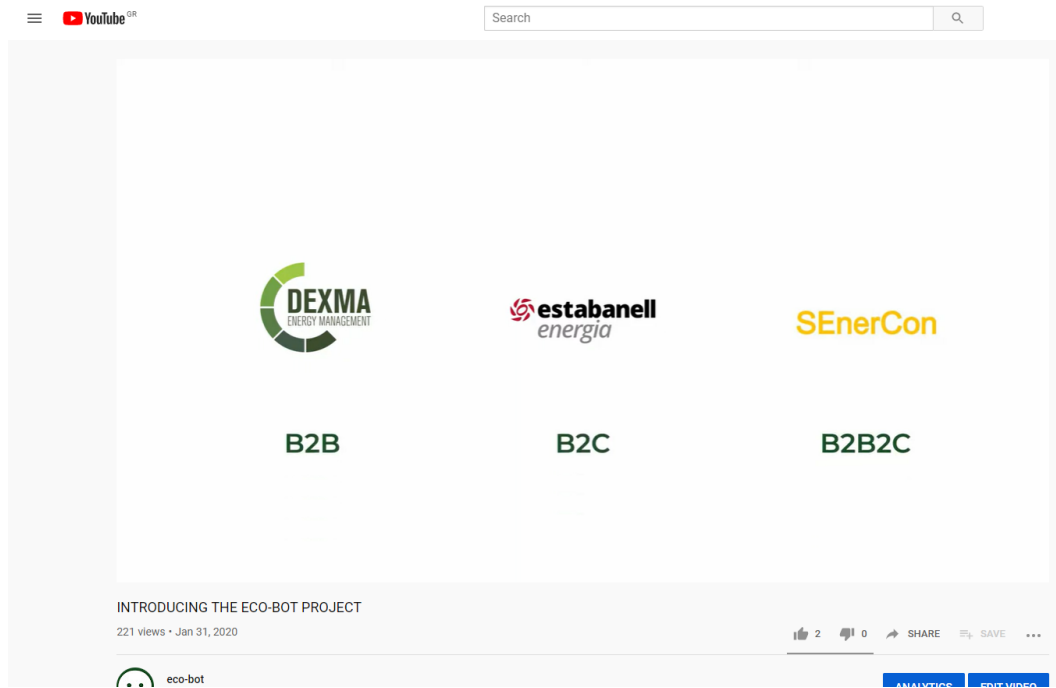


Figure 4: Introduction of our pilots

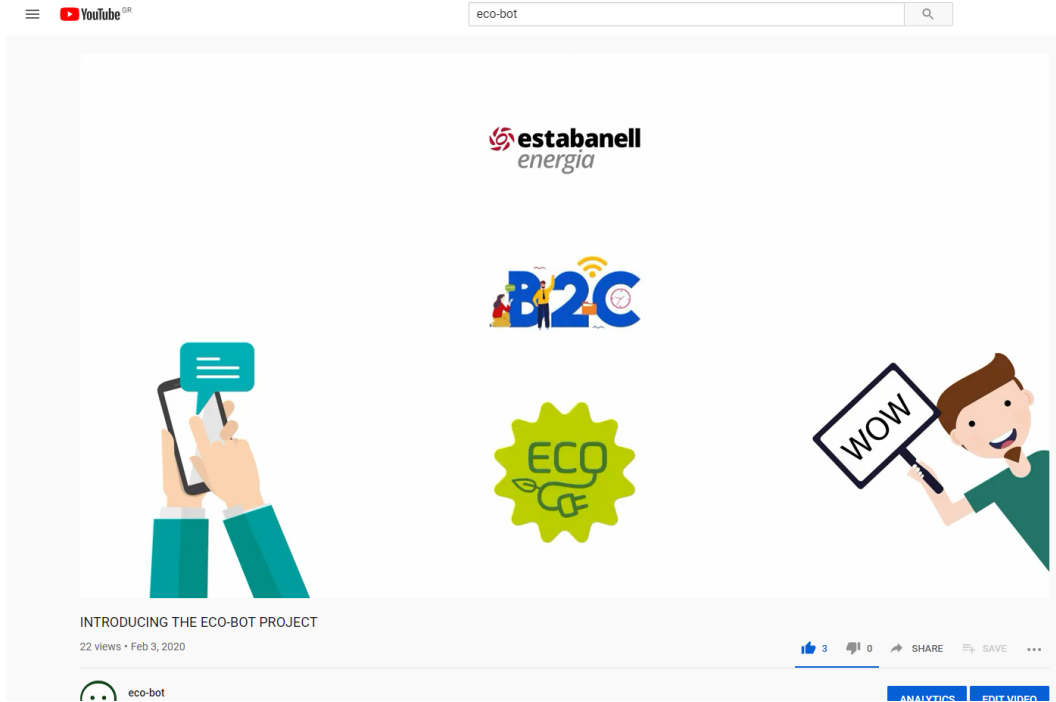


Figure 5: Explanation of the goals of each pilot

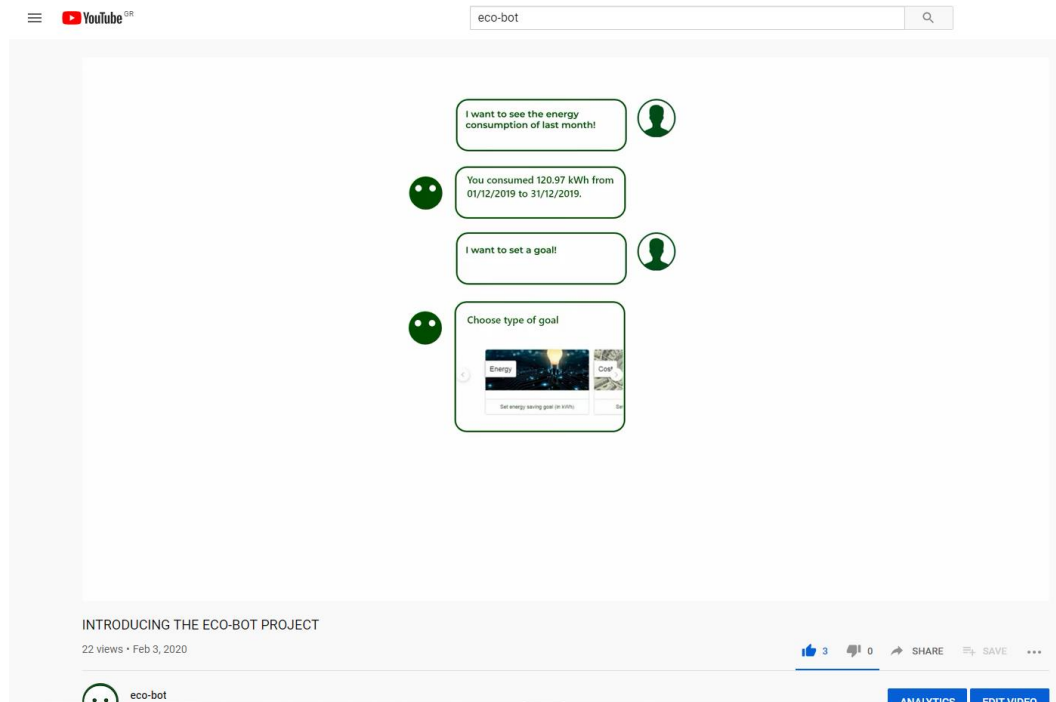


Figure 6: Indicative use cases: “what does the bot actually do?”

## 2.2. Video script

The following text is the final script we used in the first Eco-Bot video:

Welcome to the Eco-Bot project!

Eco-Bot is an ambitious research and innovation project which aims to utilise:

recent advances in natural language processing and chatbot technology,

advanced signal processing applied in energy disaggregation algorithms,

and multi-factorial behavioural modelling

with the goal of changing user's behaviour towards energy efficiency.

The Eco-Bot project is co-funded by the European Commission under the "Horizon 2020 - Reducing energy consumption and carbon footprint by smart and sustainable use" program topic, according to the Grant agreement No. 767625.

The Eco-Bot consortium consists of 9 European commercial and academic partners from Germany, Greece, Spain, Poland, and the United Kingdom.

The Eco-Bot is being tested in three different European pilots in Germany, Spain, Italy, and the UK.

Our pilots also represent three distinct business models:

1. Business to Business
2. Business to Consumer
3. Business to Business to Consumer

The Estabanell pilot, the electric utility power utility use case will show how the more personal nature of chatbot technology leads to more engagement and also how appliance level consumption information leads to better efficiency.

Dexma is a leading energy management system provider. In this use case, we will demonstrate how chatbot technology can better engage business users such as property managers.

SEnerCon in collaboration with co2online reaches residential energy consumers directly via its energy monitoring/energy savings account, which is available in 10 countries. We will deploy the Eco-Bot making use of already available energy and demographic data.

So let's see what the Eco-Bot actually offers to its users. Let us go through three indicative use case scenarios:

1. "I want to see the energy consumption of last month!"
2. "I want to set a goal!"
3. "What was my appliances consumption last week?"

4. “Can you give me a tip on my fridge?”

Stay tuned for the results of the first piloting period and make sure to check [eco-bot.eu](http://eco-bot.eu) for updates.

## 3. Conclusions

The first version of the Eco-Bot video has been produced and uploaded to the project channel in accordance to Task 6.7 in order to introduce the Eco-Bot project to a broader audience and present in a brief, fast-paced, and high-level manner the fundamentals of our project and the benefits of the Eco-Bot approach to personalised energy efficiency.