



## **OpenDR**

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### **Open Deep Learning Toolkit for Robotics**

Project start date: 01.01.2020

Duration: 36 months

Lead contractor: Aristotle University of Thessaloniki

#### **Deliverable D9.4: OpenDR video presentation**

Date of delivery: 31 Aug 2020

Contributing Partners: AUTH, TAU, AU, TUD, ALU-FR, CYB, PAL,  
AGI

Version: 6.0

<b>Title:</b>	<b>D9.4: OpenDR video presentation</b>	
<b>Project:</b>	<b>OpenDR (ICT-10-2019-2020 RIA)</b>	
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<b>Authors:</b>	Alea Scovill, Ole Green (AGI), Stefania Pedrazzi, Olivier Michel (CYB), Jens Kober, Osama Mazhar (TUD), Lukas Hedegaard Morsing, Halil Ibrahim Ugurlu (AU), Moncef Gabbouj, Roel Pieters (TAU), Nikolaos Passalis, Paraskevi Nousi, Charalampos Symeonidis, Efstratios Kakaletsis, Anastasios Tefas, Nikolaos Nikolaidis (AUTH), Francesco Ferro (PAL), Wolfram Burgard, Abhinav Valada (ALU-FR)	
<b>Lead Beneficiary:</b>	AUTH (Aristotle University of Thessaloniki)	
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## Document History

Version	Date	Reason of change
1.0	1/5/2020	First video structure document
2.0	20/5/2020	Detailed video structure (script), request for input
3.0	10/7/2020	First complete version of the video
4.0	22/7/2020	2 <sup>nd</sup> revised version
5.0	20/8/2020	3 <sup>rd</sup> version (including accompanying document), ready for internal review
6.0	28/8/2020	Final version, incorporating review comments, ready for submission



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# Executive Summary

This deliverable consists of the promotional video that has been created for the OpenDR project. The video aims at providing a concise overview and introducing the viewer to the main objectives and elements of the project. The accompanying report provides some details regarding the video creation procedure as well as the ways the video will be used to promote the project and its aims.



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# 1. Introduction

This deliverable consists of the promotional video that has been created for the OpenDR project. The video aims at providing a concise overview and introducing the viewer to the main objectives and elements of the project, namely:

- The need for a project like OpenDR.
- The importance of robotics and the elements required to make robots more efficient.
- How the project will contribute in efficiently introducing deep learning in robotics.
- The four major research areas that the project will deal with.
- The three use cases where project results will be showcased.

The present report, that accompanies the video, provides information regarding the procedure and stages of the video creation along with the plan for its distribution.

## 2. OpenDR video creation procedure

The video in this deliverable is a collective effort where all partners were involved under the coordination of AUTH. In short, the creation of the video involved the following steps:

1. AUTH created a short script highlighting the main topics to be presented in the video.
2. The script was expanded by listing the basic notions to be covered under each topic and assigning a partner for each sub-part.
3. The script was then sent to all partners for comments. When the structure was finalized, partners were first asked to send to AUTH a script (text) for the part assigned to them, so as to check whether the intended narrations fit to the overall scheme.
4. Once partners scripts were finalized partners were asked to send to AUTH:
  - Short videos where researchers talk about various aspects of the project.
  - Short videos that display partners achievements in the areas of the project.
  - Short videos depicting the premises of each partner.
5. The collected video material amounted to approximately 100 minutes. AUTH used this material, along with graphics it created (based on stock material it acquired through a paid subscription to storyblocks.com) and a music theme (also obtained from the same stock media website), to edit the final video. This procedure was quite lengthy, including many iterations, changes, corrections and refinements.

The final result is a 720MB, 1080p resolution video of 7' 32'' duration in mp4 format. The video has been uploaded on YouTube and can be found at:

**<https://www.youtube.com/watch?v=EZw5Qecb0j8>**

A lower bitrate, smaller size video was also generated.



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### 3. Sample Frames

Selected frames from the video are provided in Figures 1-5. More specifically, Figure 1 depicts frames from the opening sequence, Figure 2 provides sample frames from the section that introduces the viewer to the project aims and Figure 3 shows frames from the section that presents the four main research areas of the project. Frames from the use cases section are provided in Figure 4, while frames from the partners' presentation and closing sequence are provided in Figure 5.



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**Figure 1** Frames from the opening sequence

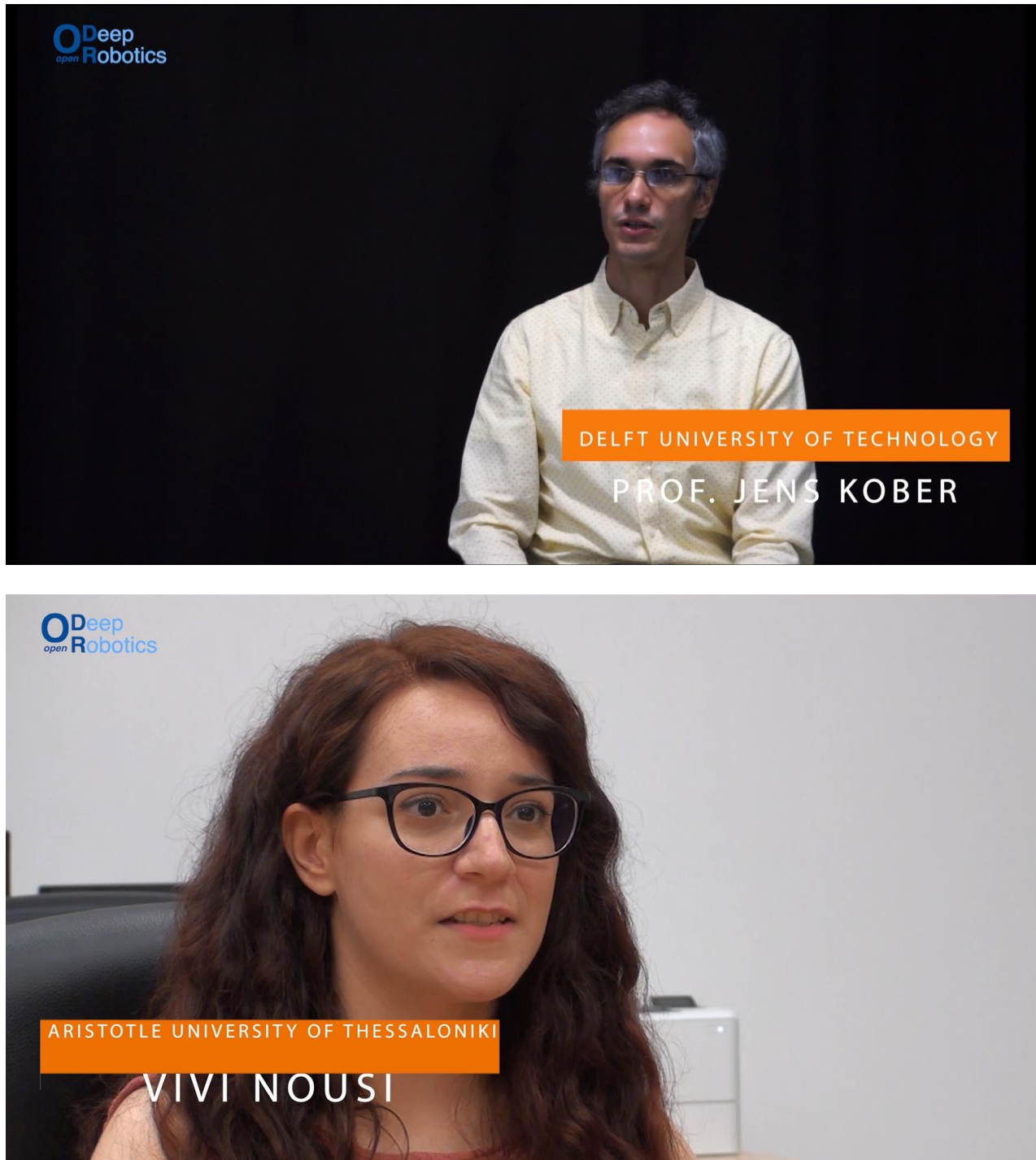


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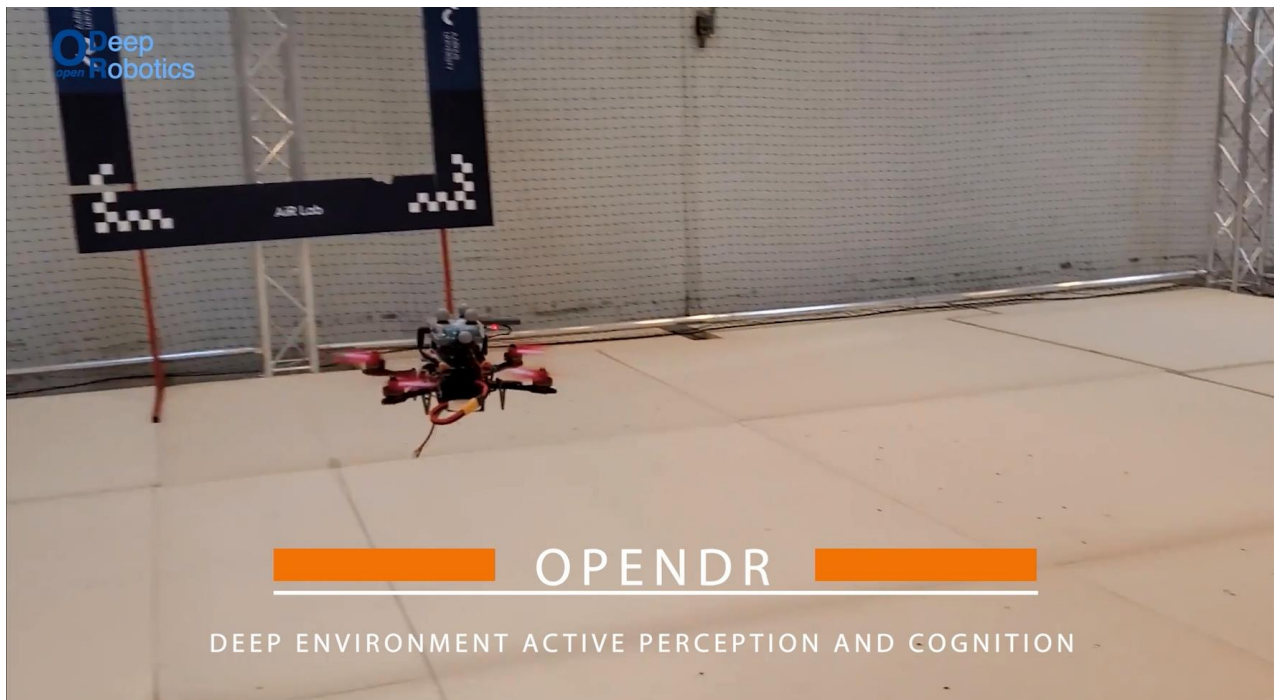
**Figure 2** Frames from the section that introduces the viewer to the project aims



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## OPENDR RESEARCH AREAS

DEEP HUMAN CENTRIC ACTIVE PERCEPTION AND COGNITION  
DEEP ENVIRONMENT ACTIVE PERCEPTION AND COGNITION  
DEEP ROBOT ACTION AND DECISION MAKING  
SIMULATION ENVIRONMENTS

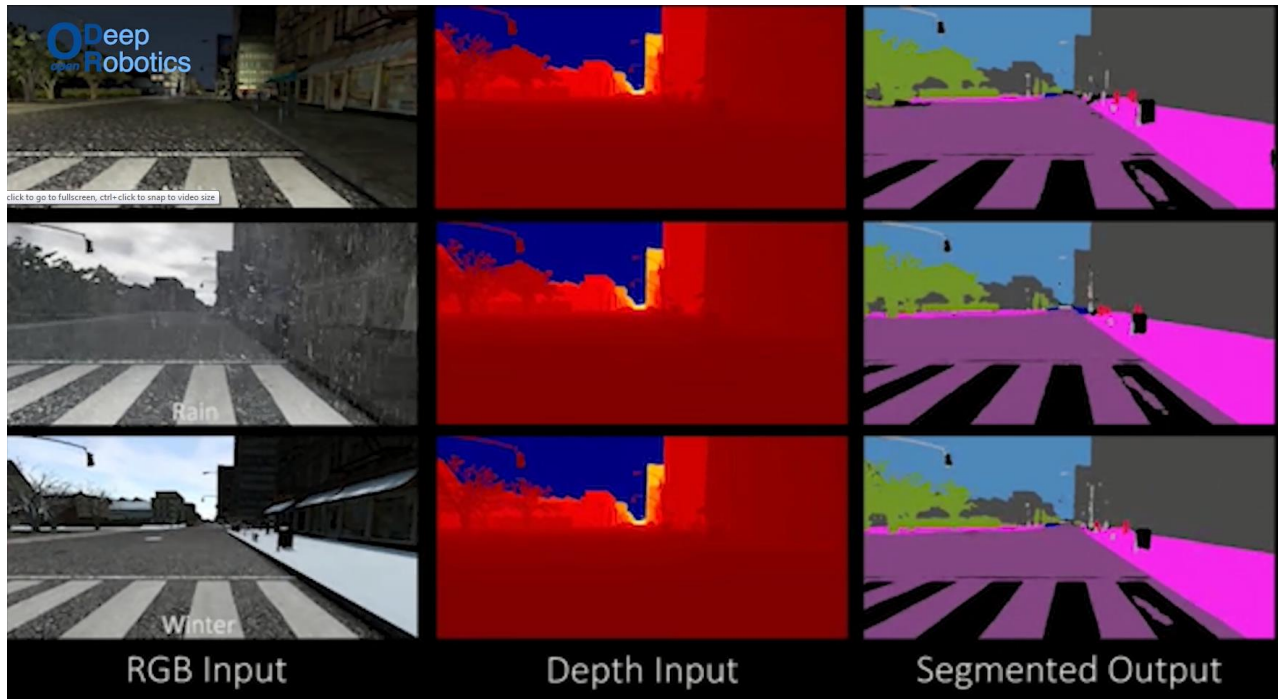


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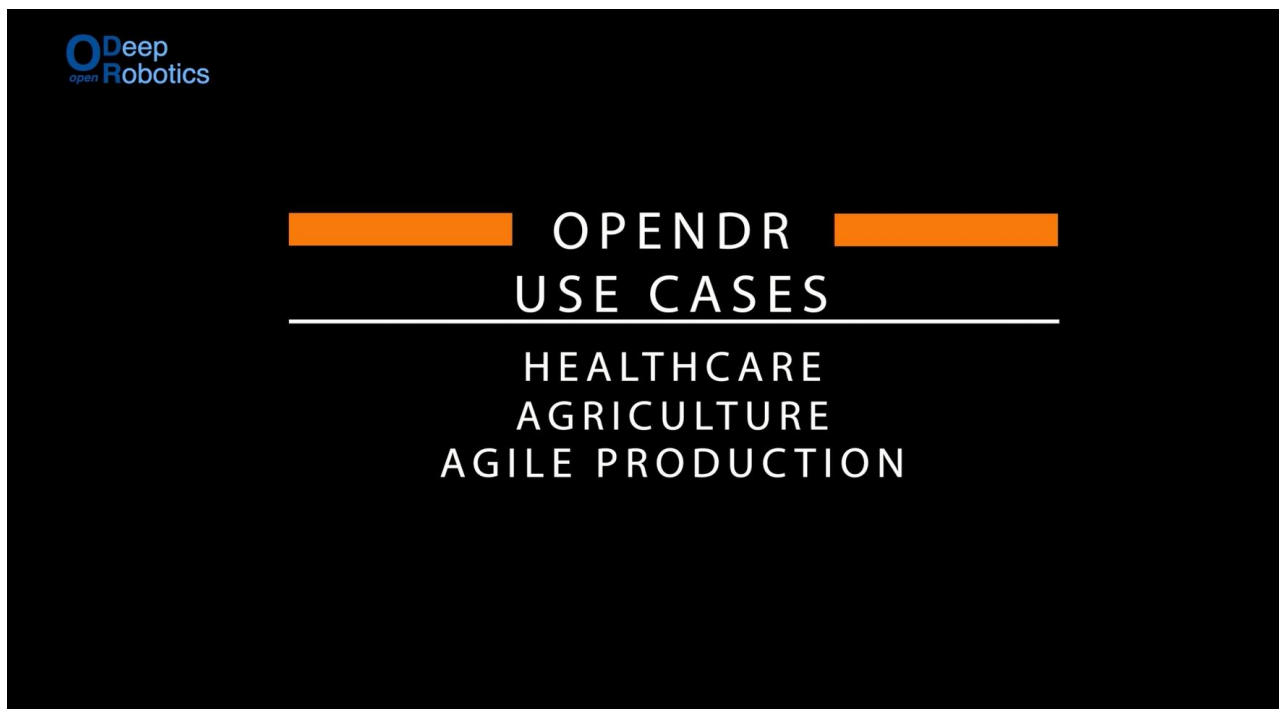




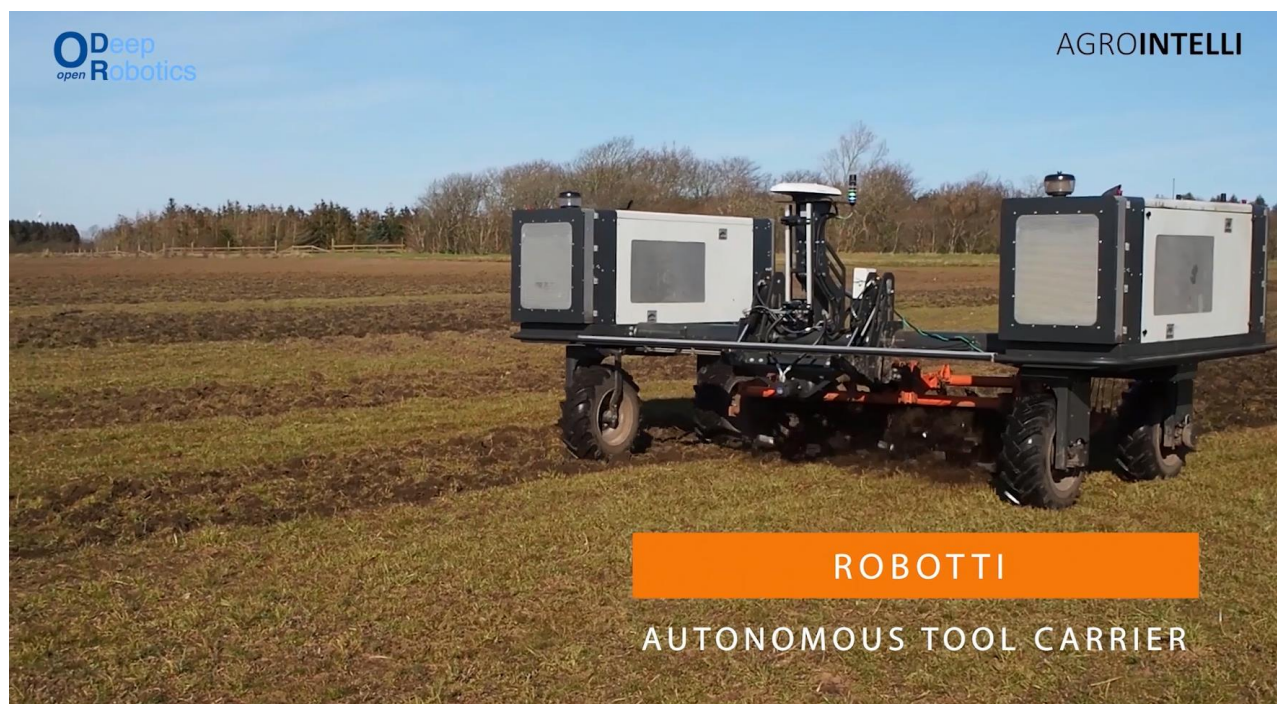
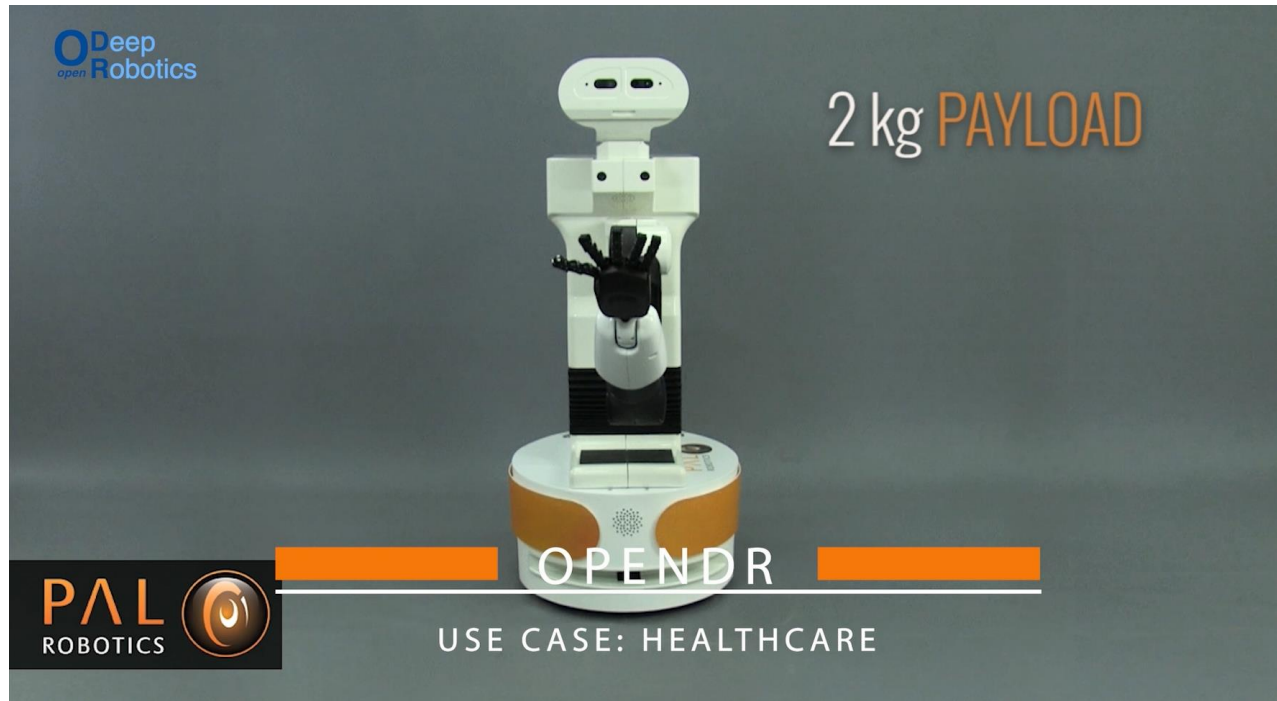
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**Figure 3** Frames from the video section that presents the four main research areas of the project



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**Figure 4** Frames from the use cases section



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**Figure 5** Frames from the partners presentation section and the closing sequence

## 4. Distribution

The OpenDR video will be promoted and distributed through various channels so as to maximize its visibility and impact, for the benefit of the project. In more detail, apart from YouTube, it will be placed on the project website and Facebook page. It will be also announced through the project's Twitter account and its LinkedIn page and group. All partners will also try to promote the video through their own communication channels, e.g., institutional/lab websites and Facebook pages.



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