TASK 6: OOP PROCESS AND CORE COMPONENTS TO COMPLY TO SDGR
DISTRIBUTION 15.06.2025, PRESENTATION ON 16.06.2025

Select the same project as in exercise 5. Elaborate for your project that provides OOP public services to citizens or businesses, or that you expanded to enable OOP in your exercise 5:

Detail the process flow for sending a request to a data provider, and the corresponding response from the data provider to the data consumer, to retrieve relevant information / data in the hands of public authorities or aggregators of data to realize the OOP in a concrete public service of your project. Use the examples of the TOOP project as guidance.

a) Describe the overall process with actors involved, the main data involved in the service and the main process steps, using e.g. Archimate notation. Alternatively, design a detailed BPMN collaboration diagram.
b) Describe the concrete request and response interactions using a UML Sequence flow diagram.
c) Review the SDGR and synthesize what major building blocks / application and technology components need to be provided in a federation of architectures in order to make the OOP public service work cross-border – expand the Archimate diagram of a) to include application and technology components or draw an Archimate diagram for the application components if you used BPMN in a)

Upload your presentation until Sunday 15th June and present the results in the exercise class on 16th June – each group has max 8 minutes for the presentation. Max 5 groups will be able to present.

Ensure to put the URLs to the project and concepts you are using on the slides.

Only people presenting receive the tick mark for presentation.