

# Innovation partnerships of AI

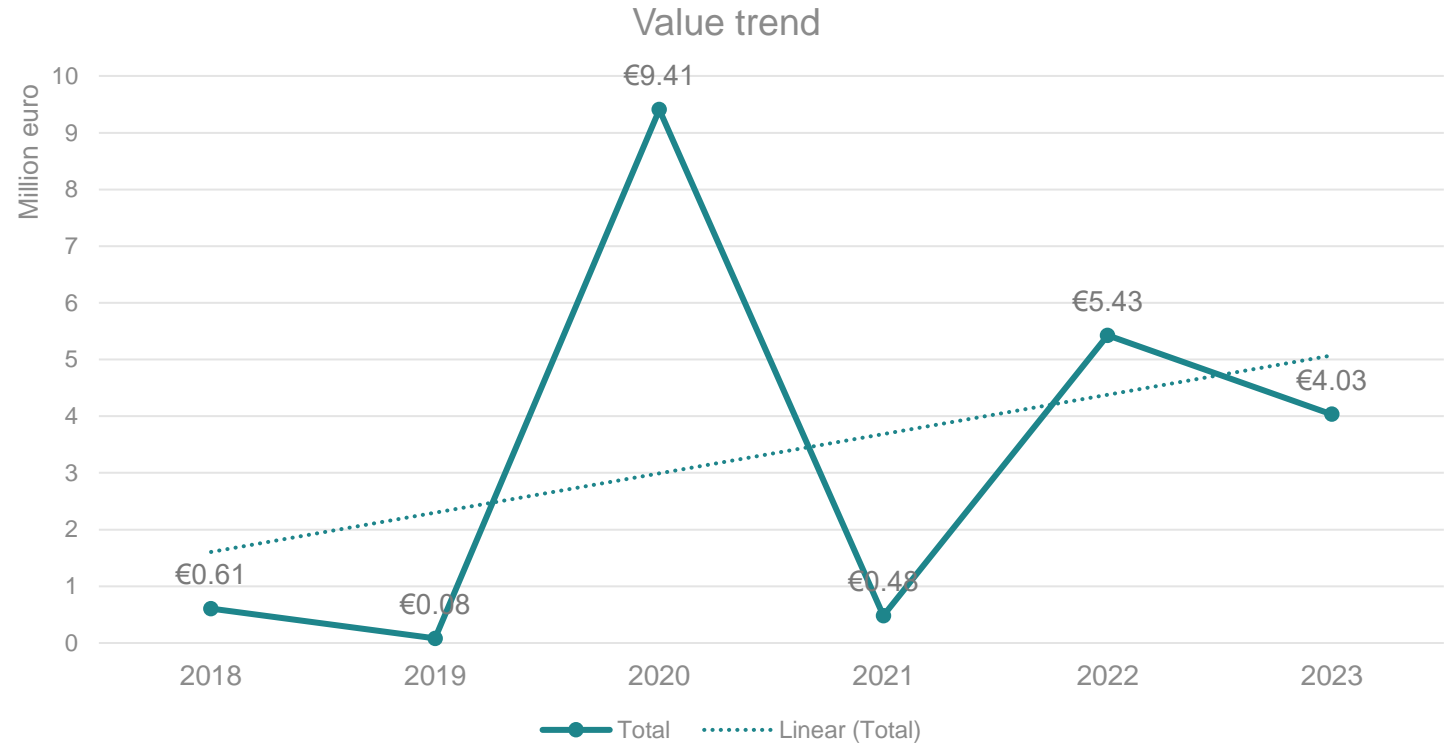
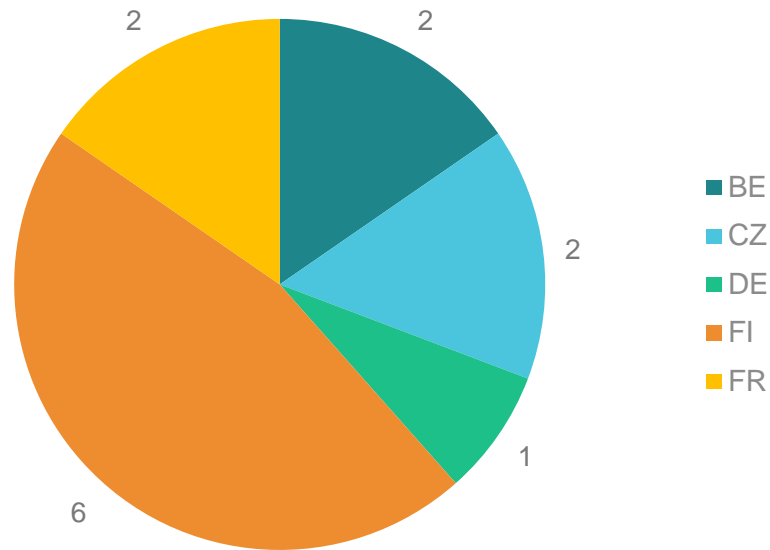
DG GROW Unit C.2

Strategic Procurement Team

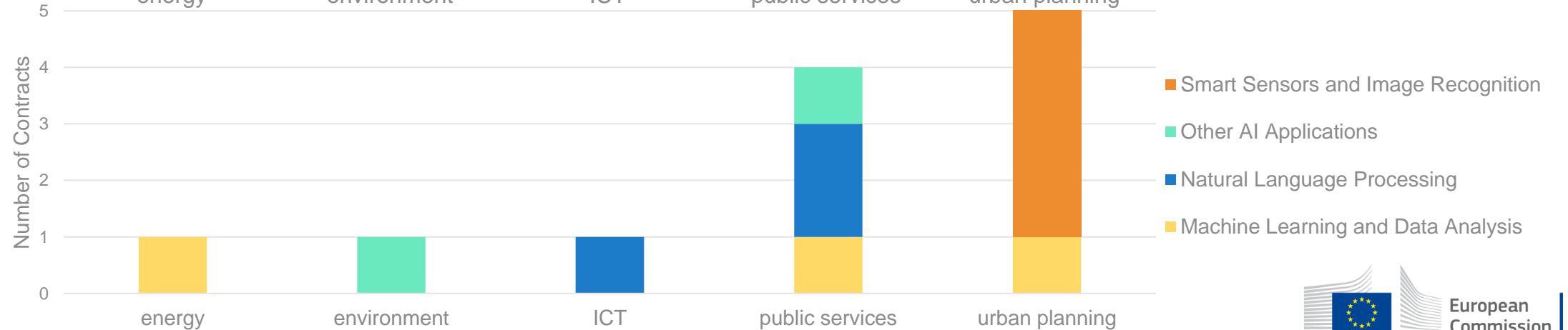
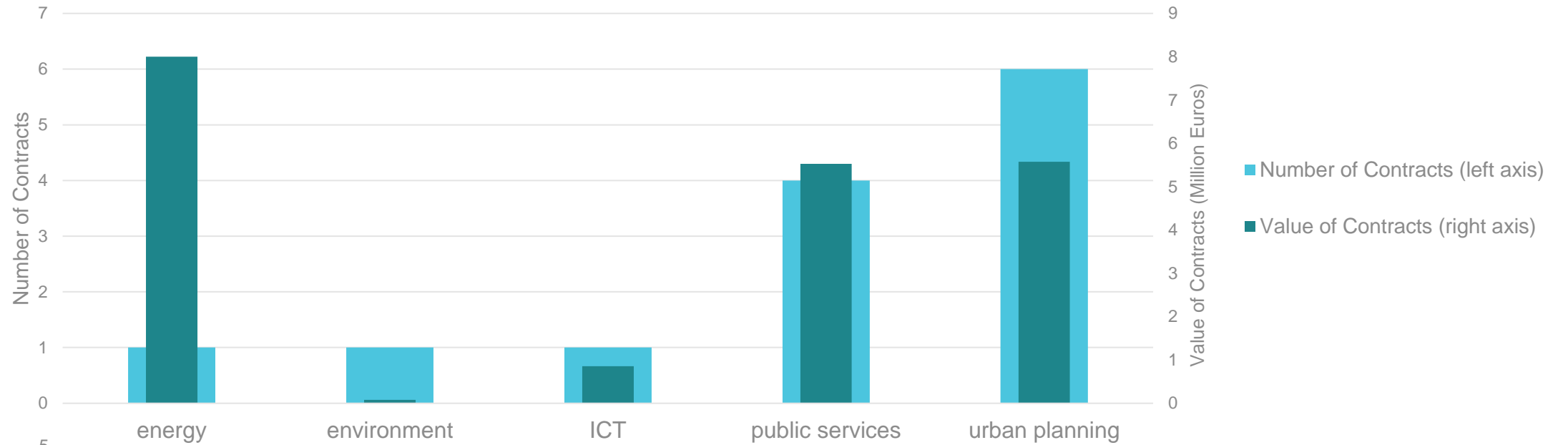
# Overview

**13 cases in 6 countries from 2016 to 2022.**  
Average value **1,5 M €** median value **0,5 M €**  
Sum of the value **20 M €**

Number of contracts by country



# Overview by sector



# Examples of IPs of AI by typology

Typology	Sector	Description
<b>Natural Language Processing</b>	Public Services	In 2020 the Finnish city of Oulu procured the development of a chatbot to provide personalized, interactive conversation. It should retrieve information from open data, internal databases, and connect with other chatbots and customer service solutions.
<b>Machine Learning and Data Analysis</b>	Public Services	In 2022 the Flemish Audit Authority for European Structural Funds (SG&A) bought the development of a new audit process system using Continuous Auditing based the possibilities offered by machine learning and data mining.
<b>Smart Sensors and Image Recognition</b>	Urban planning	In 2020 the city of Prague procured the development of a traffic management system to manage traffic based on real-time vehicle numbers, traffic intensity, and directionality at transport hubs. for smooth traffic flow.

# An example of risky procurement of AI?

Country	Value	Typology	Description
FI	59,963.00 €	Natural Language Processing	Job Market algorithm uses a combination of structured information, such as skills and occupations, to match and recommend job positions.

It is still a matter of discussion, but according to the forthcoming AI Act, the AI systems that encompass one of the following functionalities are considered high risk:

- **Biometric identification and categorization of natural persons**
- **Employment, worker management, and access to self-employment**

It is foreseen that these AI systems must be registered in an EU database due to their potential risks and impacts on individuals' rights and freedoms.

# Survey recap

AI Procured	The AI system is directly or indirectly involved in decisions regarding citizens?	Did you include any clause to protect the privacy of citizens?
Job Market algorithm to match skills and occupations (FI)	Yes	Yes
Chatbot to advice and guide customers in the City of Oulu (FI)	Yes	Yes
Image recognition system for road condition assessment (DE)	No	Yes

We have carried out a survey among a pool of participants. As shown by these results, clauses to protect privacy are included even in those procurements that do not involve the collection of persons' data as the main feature but may do so indirectly. For example, in image recognition systems for road maintenance.

# AI for healthcare system in Italy

- The National Agency for Regional Healthcare (AGENAS) procured the development of an AI platform to support primary healthcare in the framework of Italy's RRP
- 37.75 M €
- Type of procedure: Competitive dialogue
- Award criteria:
  - Quality criterion weighting: 70%.
  - Price - Weighting: 30%
- Duration of the contract: 2022-2026