

An aerial photograph of a city skyline, likely New York City, with a network of white dots and lines overlaid. A large white mosquito logo is positioned in the upper right quadrant. The word "libelium" is written in a large, white, lowercase sans-serif font across the center of the image.

libelium

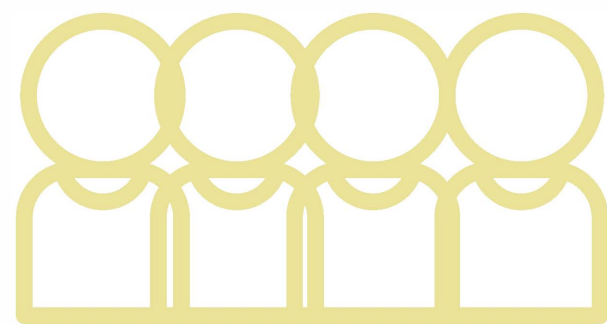
IoT SURVEY REPORT

KEY CONCERNS AND BARRIERS TO DEVELOP SUCCESSFUL PROJECTS

KEY FIGURES



12
WEEKS



637
PARTICIPANTS



250
COMPANIES



42
COUNTRIES

some examples of participants companies:

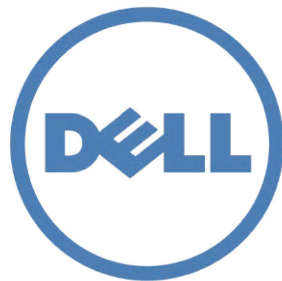


NEC

ERICSSON

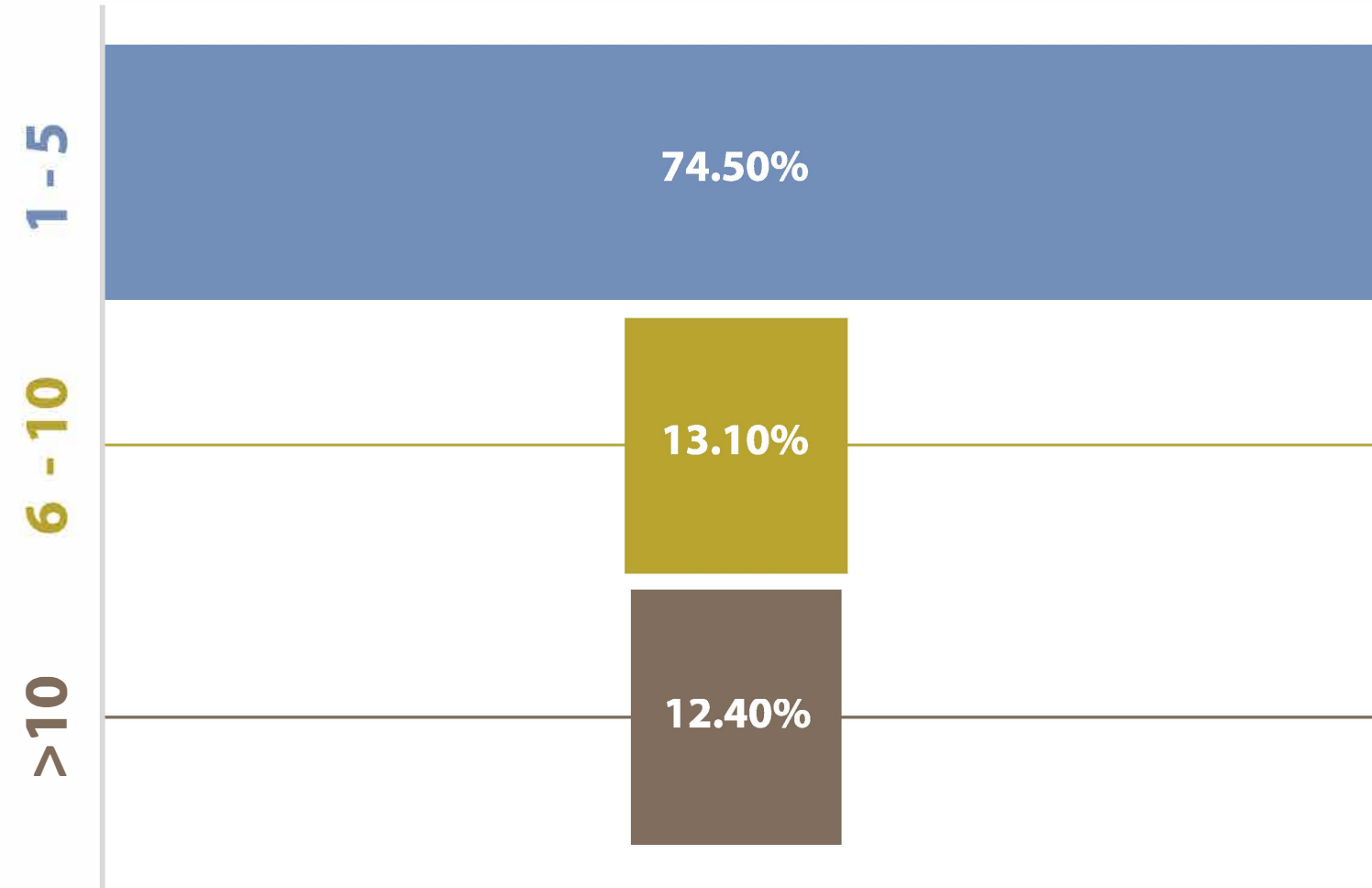


B/S/H/

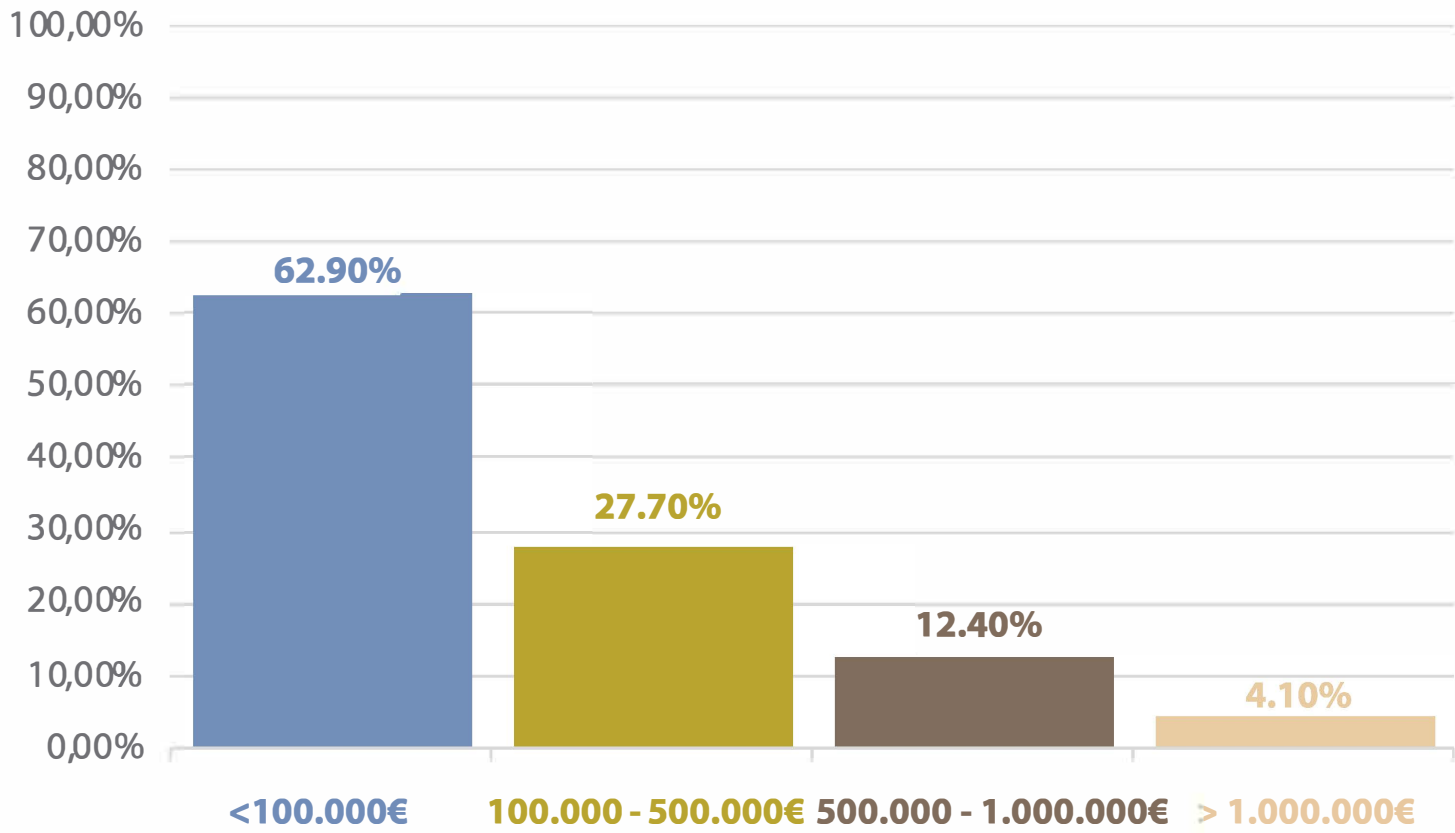


*Data obtained from 01/09/19 to 03/31/19

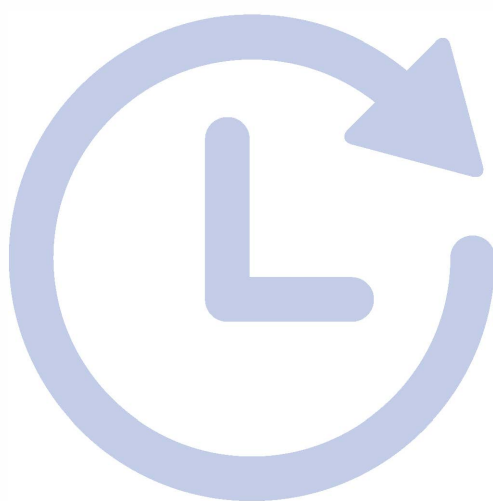
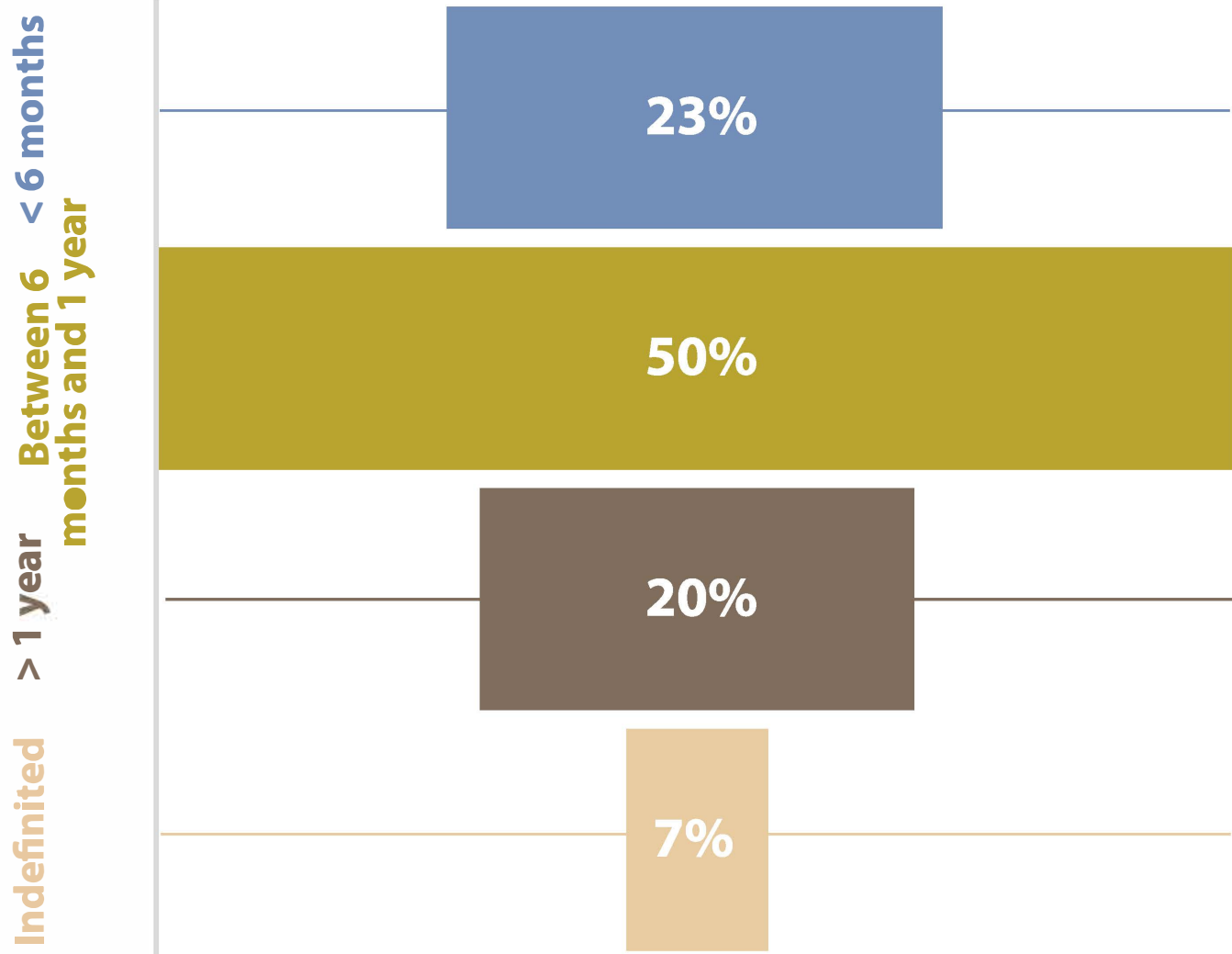
Number of projects involved in



Projects' budget availability



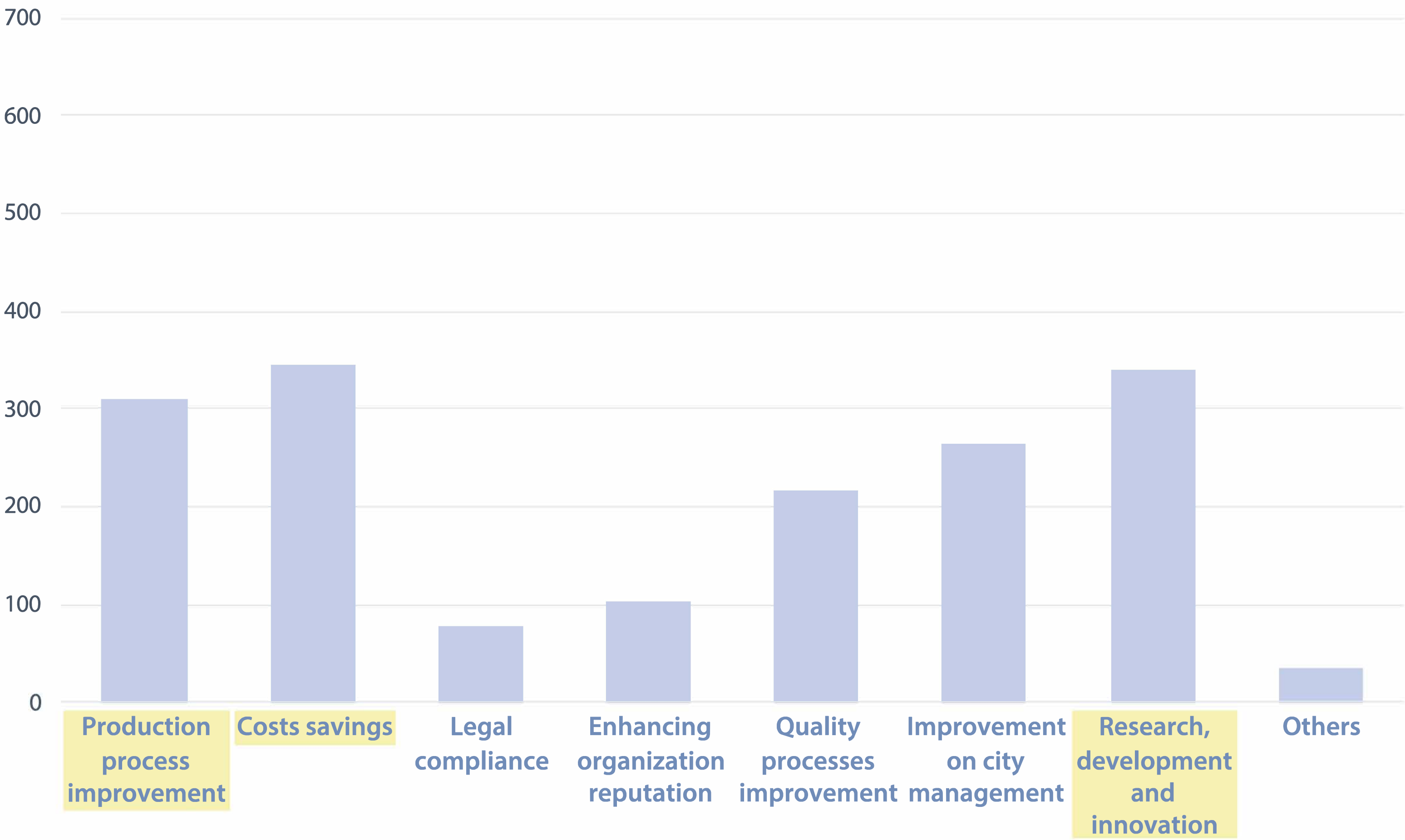
Projects' average duration



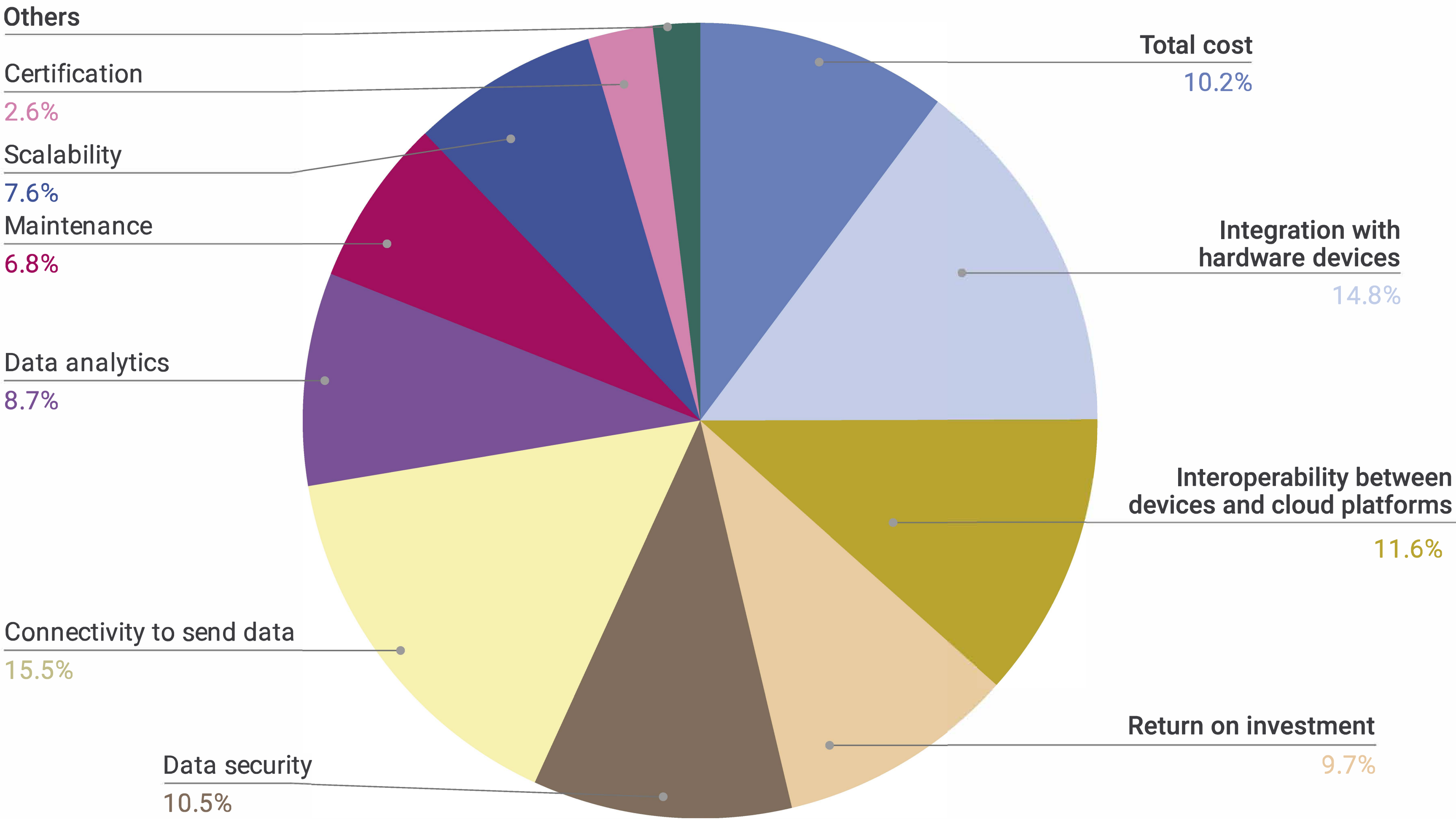
Objectives pursued in IoT projects

Cost saving is the most important objective of IoT projects deployed by participants.

R&D&i and production process' improvements are the second and third causes requested in IoT investments.



Top Concerns developing IoT Projects



TOP FIVE CONCERNS

- 1

Connectivity
- 2

Integration of hardware devices
- 3

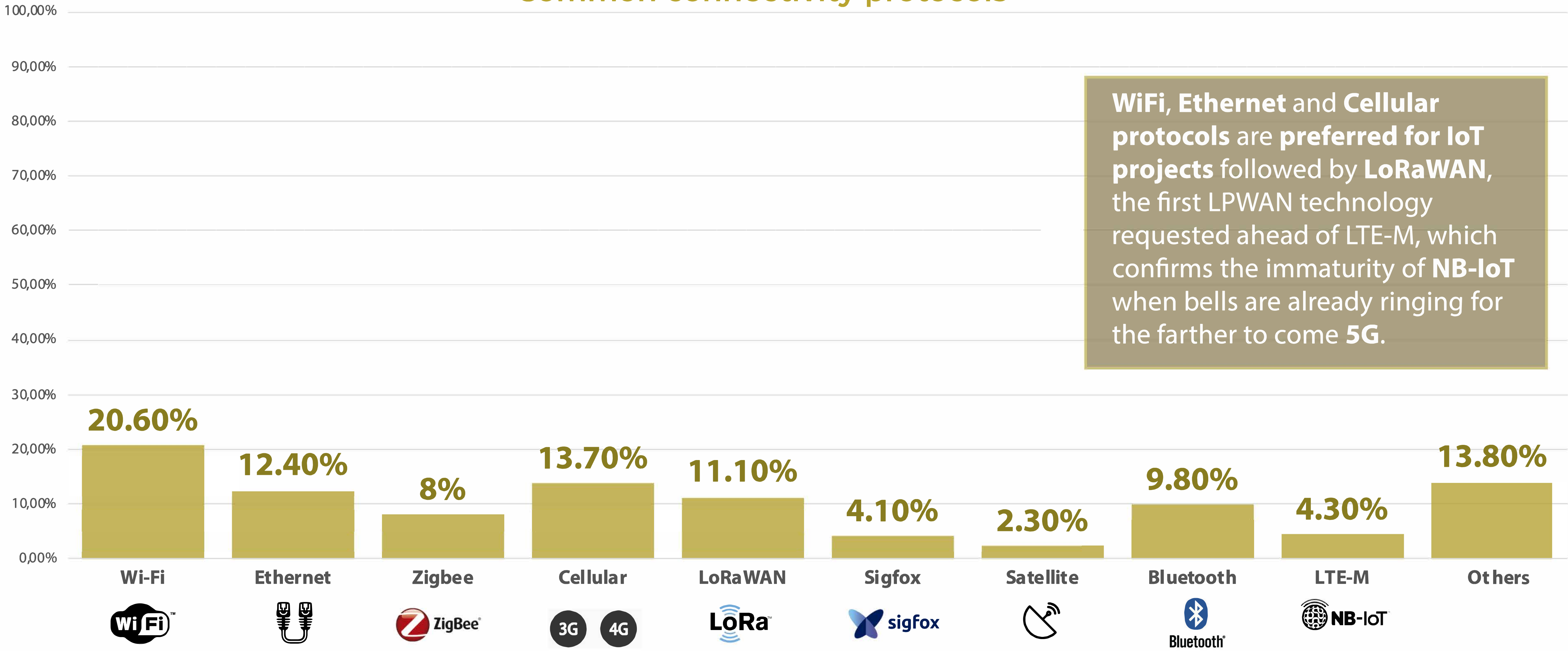
Interoperability between platforms
- 4

Security
- 5

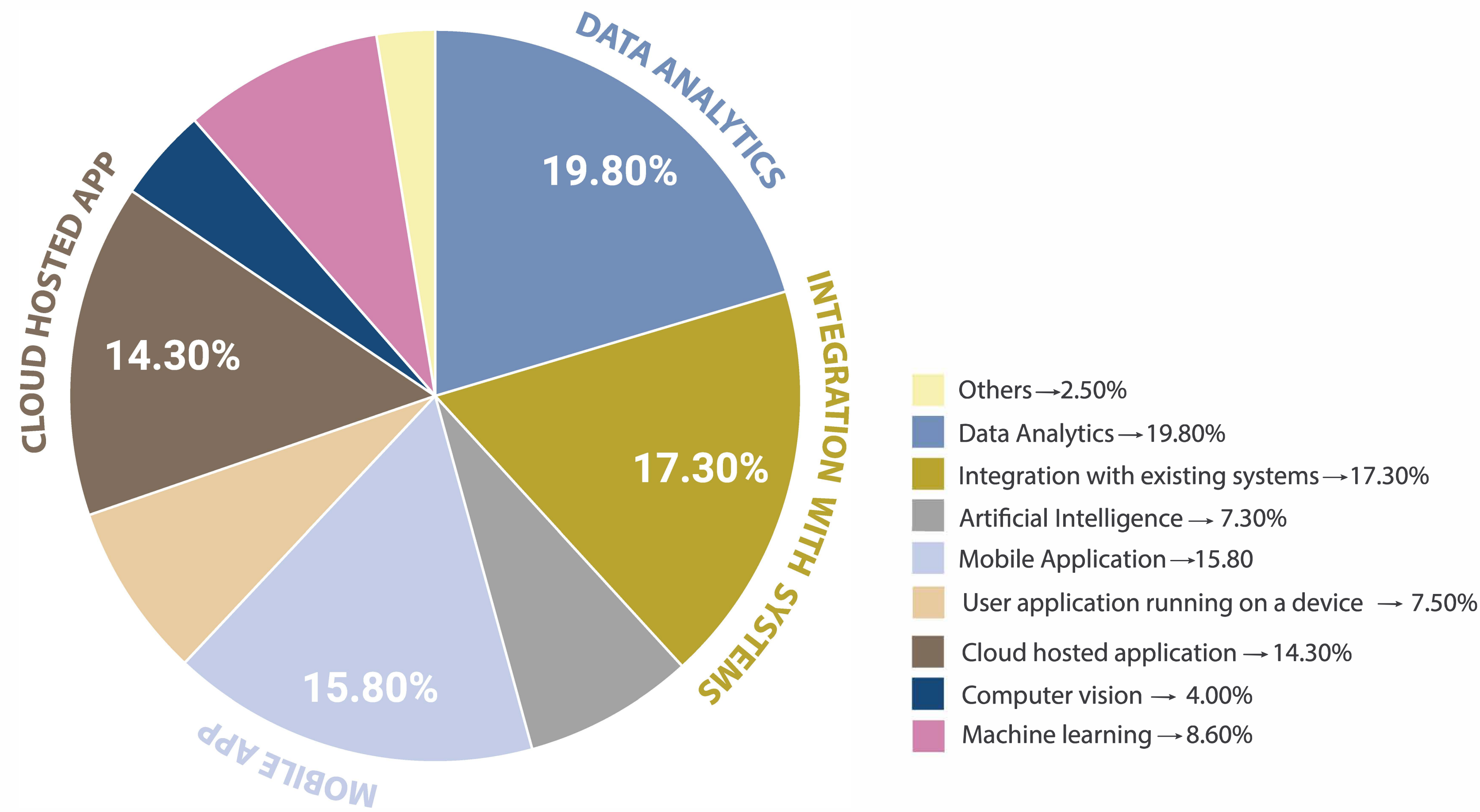
Total cost

Connectivity protocols in IoT projects

Common connectivity protocols

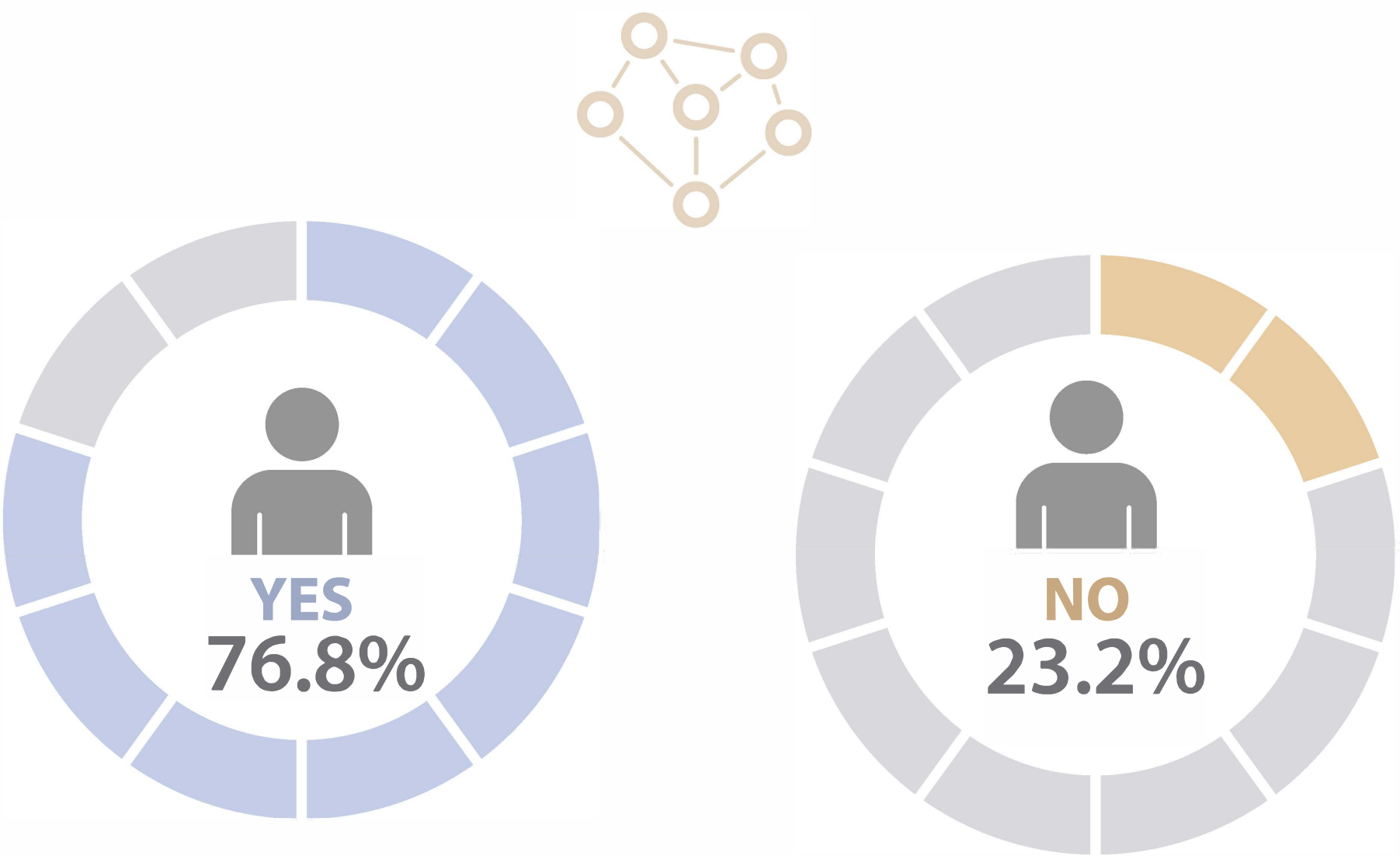


Software features demanded



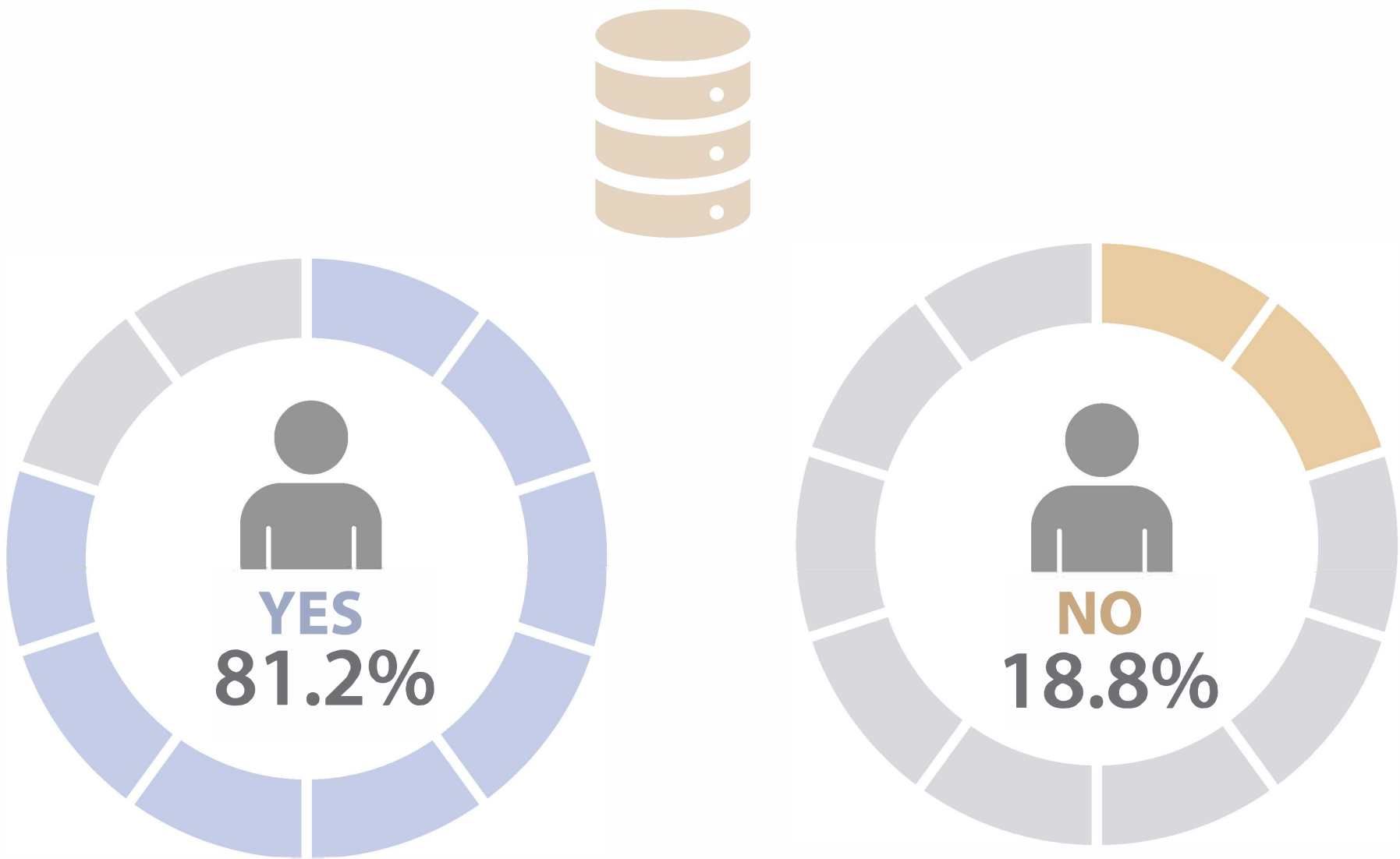
The most demanded **software** features to be included in an **IoT project** are **data analytics**, **integration** of data with existing systems and **mobile applications**

Connectivity providing knowledge



I know in detail all the current **connectivity** offer for the **IoT solutions market** and its differential value to choose the most suitable for each project

Data as new revenue source



We are considering the exploitation of **collected data** as a new **source of revenue generation**

