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APORTA

7ª Edición

Madrid, 24 octubre 2017

El valor de los datos *en el ecosistema global*

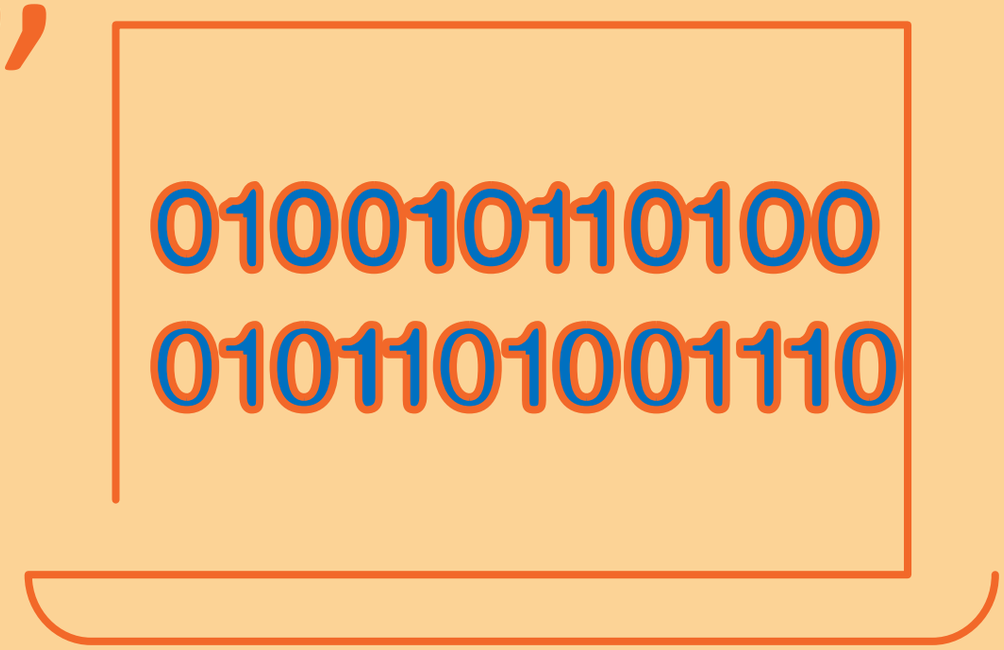
The European Data Portal Studies Re-Use of Open Data

Wendy Carrara

EUROPEAN DATA PORTAL

“It is a very sad thing that nowadays **there is so little useless information.**”

- Oscar Wilde



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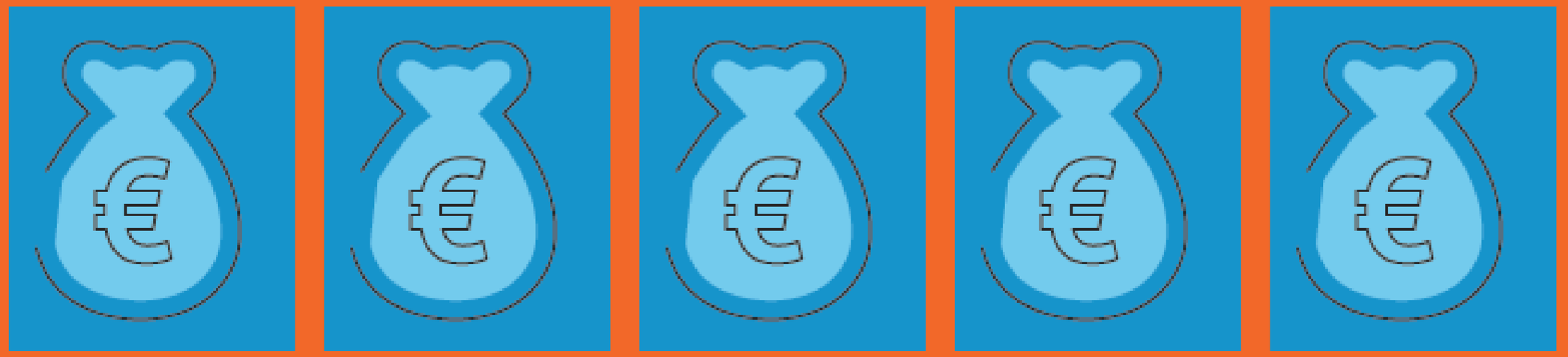
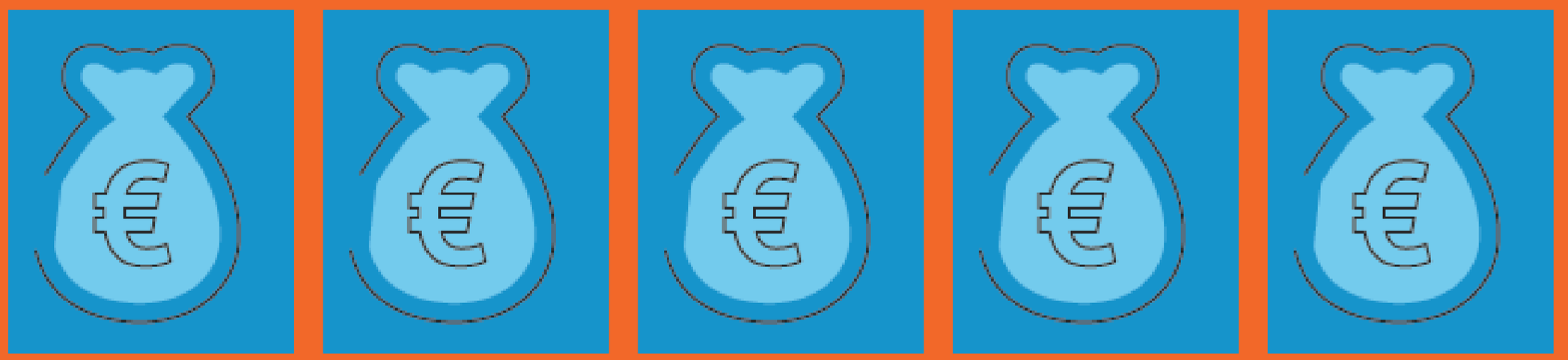


SHOW ME THE **MONEY**



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€ 325 Billion

Direct Market Size 2016 – 2020 for the EU 28+

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+ 7,3% jobs

per year

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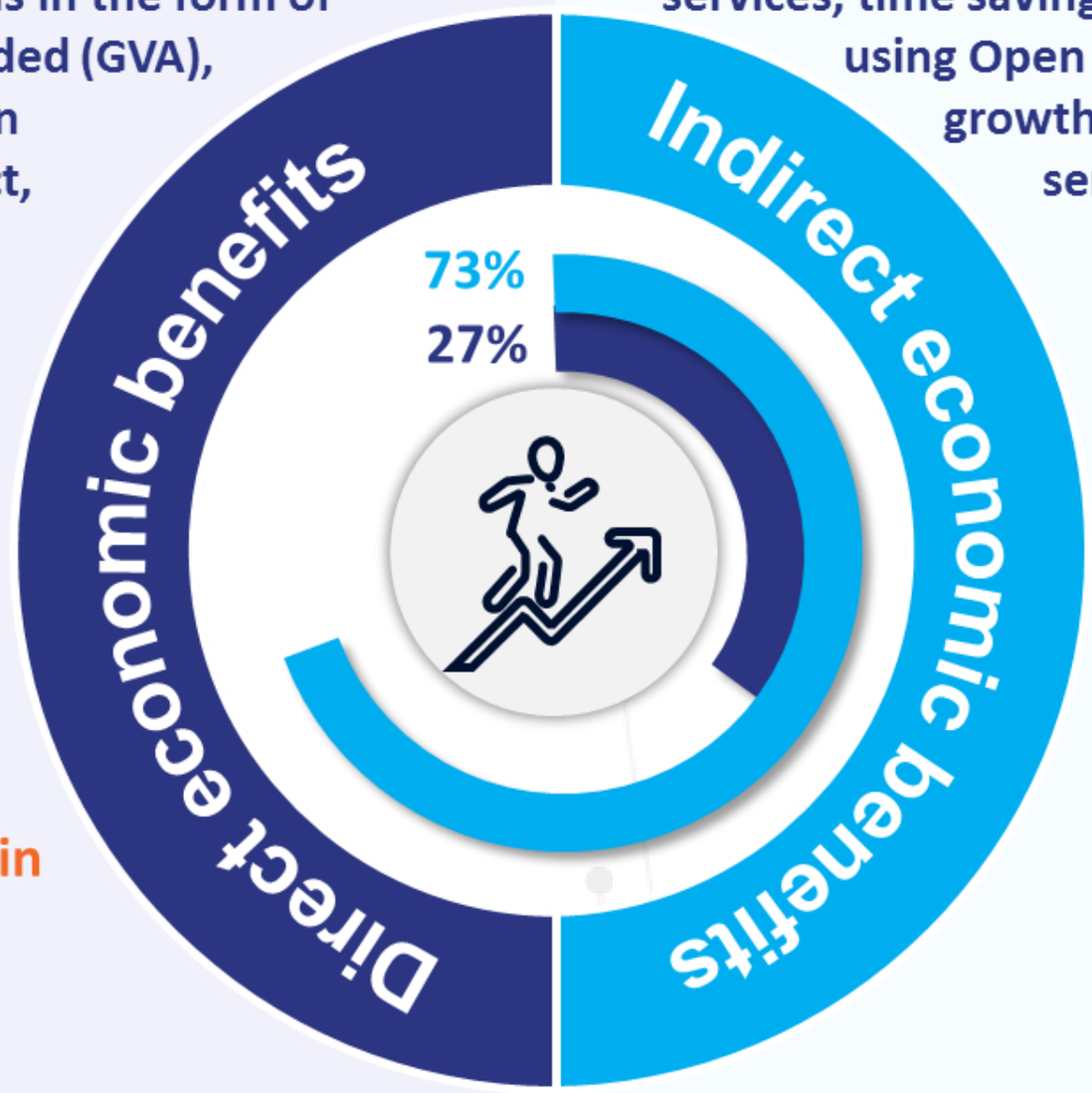
Open Data has both a direct and an indirect impact on the economy

- **Direct benefits are monetised benefits that are realised in market transactions in the form of revenues and Gross Value Added (GVA), the number of jobs involved in producing a service or product, and cost savings.**

- **Indirect economic benefits are i.e. new goods and services, time savings for users of applications using Open Data, knowledge economy growth, increased efficiency in public services and growth of related markets.**



> 25,000 Jobs created in Open Data in 2020

> € 1.7 Bn in savings in Public Administration

> 2,549 hours wasted finding parking

> 16% less energy used

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more Open Data can help make

better decisions

2,549 hours

wasted

finding parking

7,000 lives

saved due to quicker response

629 million

hours saved is equivalent to

€ 27.9 bn

5.5% less

road fatalities

Congestion

costs are 1% of GDP

16% less

less energy used

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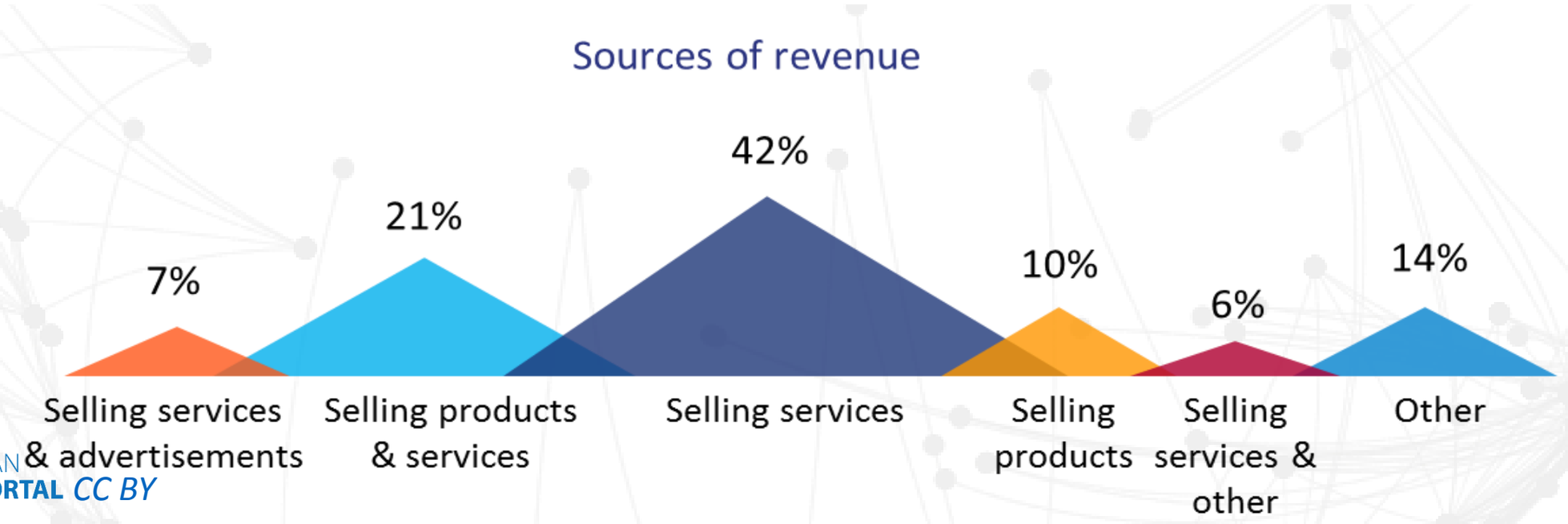
Over 200 organisations provided us evidence of the benefits of using Open Data

- Open Data in numbers:
  - 42% transform Open Data into value for selling services
    - 34% of these services are based on software
    - 25% of these services are consulting
  - 37% have a forecasted turnover growth of more than 61% annually.
  - 76% are foreseeing to recruit new employees
  - 42% are looking for data scientists
  - 27% of the company rely on quality data to deliver their services
  - Nearly half of the Open Data re-use is for selling services



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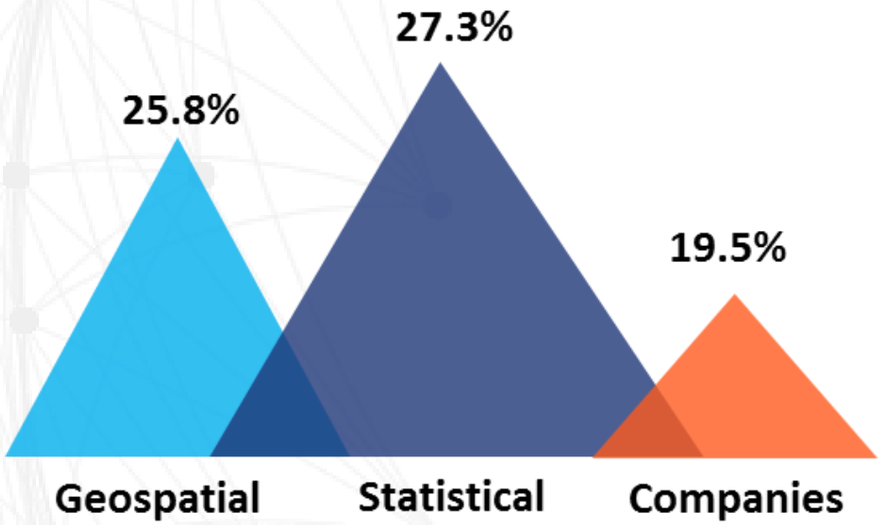
Open Data matters because it represent value for businesses, citizens and public administrations



Top 3 Open Data domains re-used most

- Clear **popularity of three types** of Open Data domains
- Domains expected to have the **highest economic impact**
- **More data on companies** requested most

Top 4 combinations of Open Data categories

- **Regions & Cities** data is often combined with the other 3 categories
- On average companies use **5 categories** of Open Data
- **36%** of the companies **aggregate** the data, regardless of its nature

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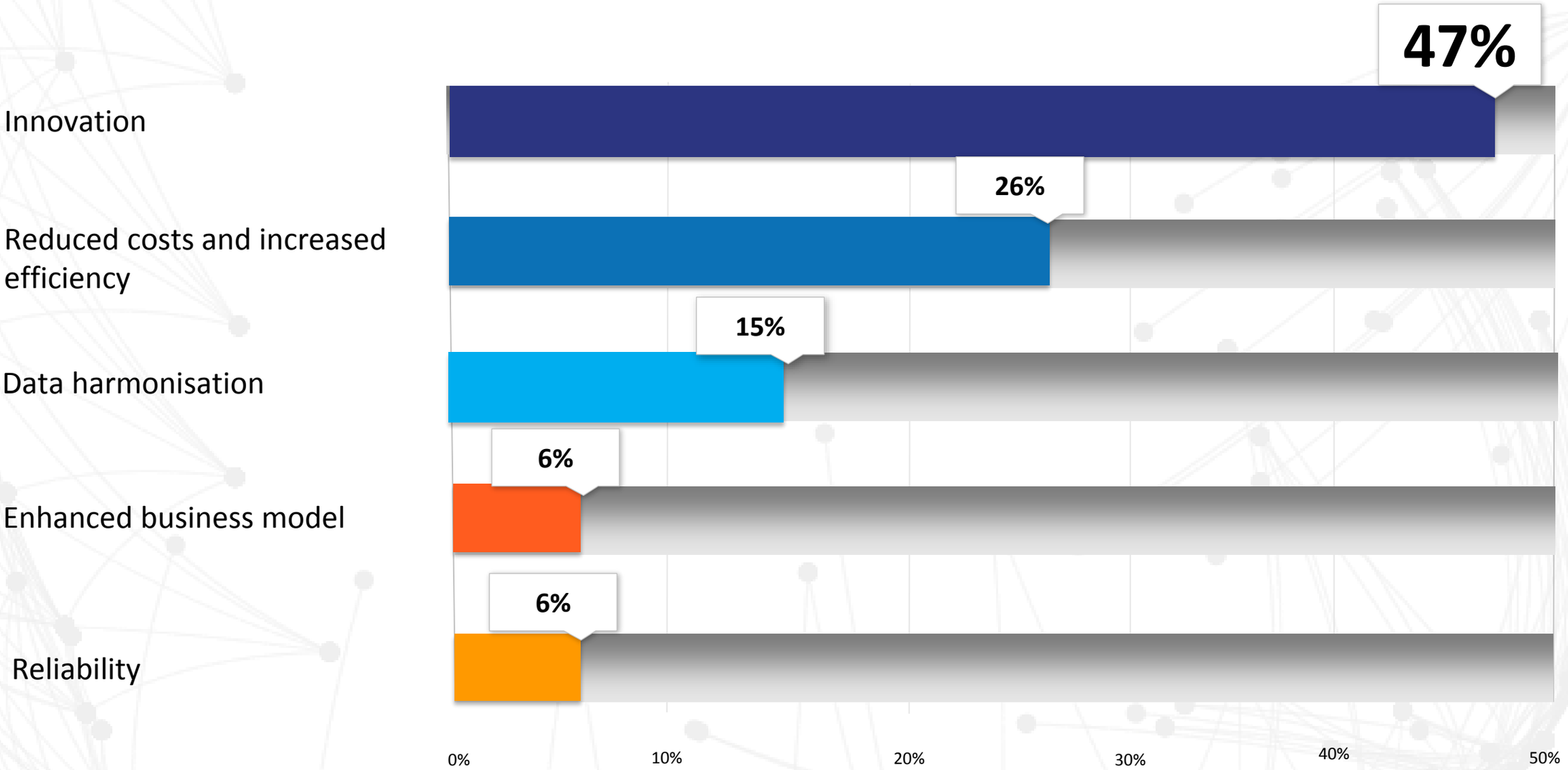
Businesses see Open Data leading to innovation and efficiency as well as a source of revenue

The use of data drives Digital Transformation



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Key takeaways from our study on the re-use of Open Data:

1. Statistical Open Data and Open Data from the regions and cities most re-used by organisations
2. Organisations are making use of Open Data to innovate and enhance efficiency
3. Organisations transform Open Data by using it to sell services
4. Collecting, gathering and refining Open Data has become a new domain
5. Most sought after profiles are data scientists with a business eye
6. Both hard and soft skills are needed to work the data and sell the product
7. A low quality, heterogeneity, lack of availability and bad metadata creates barriers
8. Success depends on getting the right Open Data externally and doing the right things internally
9. The next steps are raising awareness around Open Data and centralising the Open Data available

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To work with Open Data both soft and hard skills are required

Hard skills

Technical skill
The knowledge and abilities needed to accomplish mathematical, engineering, scientific or computer-related duties, as well as other specific tasks.

Maths & statistics knowledge
Knowledge of the science that deals with the collection, analysis, and interpretation of numerical data.

Subject matter expertise
Person who is an authority in a particular area or topic.

Soft skills

Collaboration
To work with another person or group in order to achieve or do something.

Problem solving
The process of working through details of a problem to reach a solution.

Communication
Two-way process of reaching mutual understanding, in which participants not only exchange information, ideas, feelings but also create and share meaning.

Creativity
The ability to transcend traditional ideas, rules, patterns, relationships, or the like, and to create meaningful new ideas, forms, methods, and interpretations.

Curiosity
The urge felt to know more about something.

Story telling
Storytelling is a method of explaining a series of events through narrative.

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The European Data Portal

- facts & figures -

760,399 datasets

Metadata in **24** Languages

34 countries

73 catalogues

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¡Muchas Gracias!

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