

# We create value\*

## OUR CAPITAL

### Our strengths are extensive cooperation and sharing expertise

CSC operates project office for Digivisio2030, joint project for Finland's 38 higher education institutions  
Wide international and national networks

**Research data management**  
HUB OF EXCELLENCE

### We enable research and education

A national, digital operating environment for research, education and cultural heritage (e.g., FUNET, FIRI infrastructures)  
A part of joint European ecosystems

**LUMI and DL2021**  
ENVIRONMENTS

### We are an attractive workplace

Over 500 experts from different fields  
A multicultural and international work community  
Share of women is 32%

**THE MOST INSPIRING WORKPLACES RECOGNITION: PEOPLEPOWER INDEX NUMBER**  
**74.3**

### We are a non-profit enterprise

Owners: State of Finland  
70% higher education institutions 30%

**TURNOVER**  
**EUR 56.4 million**

### We promote the digital green transition

Destination Earth:  
a digital twin of the Earth

**Low-carbon**  
DATA CENTERS

## OUR PURPOSE

Together we build world-class research, learning and innovation environments



Solutions for creating a future

- Customer orientation and dialogue
- With expertise
- Openness and transparency
- Trustworthiness and security
- Increasing interoperability
- Responsibility
- Technology foresighting

## THE VALUE WE CREATE

### For our owners and customers:

#### A smooth daily life:

390,000 FUNET network users  
5,802 data management and computing services users  
Several interoperability solutions (e.g. Research.fi, Fairdata, PAS)  
Services that enable a smooth daily life at higher education institutions

#### Trustworthiness and security:

Regulatory compliance  
ISO 27001 certification  
Securing preservation of cultural heritage and research data, 23 long-term preservation contracts

#### Sharing expertise:

50 RDI projects (34 EU projects, 21 in cooperation with Finnish higher education institutions and research institutes)  
121 training events with a Net Promoter Score of 79  
We enable the sharing of 1,620 online learning materials via the Library of Open Educational Resources

#### Synergy benefits:

Services for different administrative sectors  
Haka as a pathway to 300 services, 65.7 million logins and 326,000 end users  
Services produced by international networks (e.g. ELIXIR, EUDAT, EOSC)

### To the society:

#### The digital transformation is advancing:

Increasing resilience of our national digital competences  
Increasing number of international experts  
Developing new technologies and operating models (artificial intelligence, quantum computing)  
Solutions for data economy (e.g. data spaces, networks of trust)  
An extensive and efficient digital infrastructure (data connections of higher education institutions, supercomputing, data management solutions)

#### Better cyber security:

Environments for sensitive data  
Information security certificates and testing  
Critical infrastructures  
A strong immunity to interference

#### Enhancing interoperability:

Methods of transferability and interoperability: open and standard-compliant data, file formats, interfaces and source codes

#### Advancing green transition:

Carbon neutral data centers  
Heat recovery  
A smaller footprint of procurements

### Environmental impacts:

#### No direct greenhouse gas emissions through electricity consumption:

Energy efficiency of the data center is 82.6%, reduction target -10%  
Utilizing the waste heat generated by Kajaani Data Center in the district heating network

#### THE CARBON FOOTPRINT OF OUR ACTIONS

**410 tCO<sub>2</sub>e**



## OUR SUSTAINABLE DEVELOPMENT GOALS



\*The value creation model is based on the numbers from 2021.

## **We create value\*.**

### **Our capital.**

#### **Our strengths are extensive cooperation and sharing expertise.**

CSC operates project office for Digivisio2030, a joint project for Finland's 38 higher education institutions, Wide international and national networks, Research data management, Hub of excellence.

#### **We enable research and education.**

A national, digital operating environment for research, education and cultural heritage (e.g., FUNET, FIRI infrastructures), A part of joint European ecosystems, LUMI and DL2021 environments.

#### **We are an attractive workplace.**

Over 500 experts from different fields, A multicultural and international work community, Share of women is 32%, The most inspiring workplaces recognition: PeoplePower index number 74.3.

#### **We are a non-profit enterprise.**

Owners: State of Finland 70%, higher education institutions 30%, Turnover EUR 56.4 million.

#### **We promote the digital green transition.**

Destination Earth: a digital twin of the Earth, Low-carbon data centers.

## **Our purpose.**

### **Together we build world-class research, learning and innovation environments.**

#### **Solutions for creating a future.**

Customer orientation and dialogue, With expertise, Openness and transparency, Trustworthiness and security, Increasing interoperability, Responsibility, Technology foresighting.

## **The value we create.**

### **For our owners and customers.**

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