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OCOVA 2026

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 **LDT4SSC**



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# LOCAL DIGITAL TWINS FOR SMART AND SUSTAINABLE COMMUNITIES (LDTSSC) - SHAPING THE GREEN & DIGITAL TRANSITION OF COMMUNITIES WITH LOCAL DIGITAL TWINS -

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# LOCAL DIGITAL TWINS FOR SMART & SUSTAINABLE COMMUNITIES - LDT4SSC -

## About

**LDT4SSC** is a Digital Europe Programme (DEP) project with the following objectives:

- **Connecting existing LDTs from cities and communities** to create a federation of LDTs across the EU
- **Expanding existing LDTs with new open-source services** based on shared needs of cities and communities
- Complementing the EU LDT Toolbox launched under the Digital Europe Work Programme 2021-22 with **additional AI-based and innovative services**

# LDT4SSC

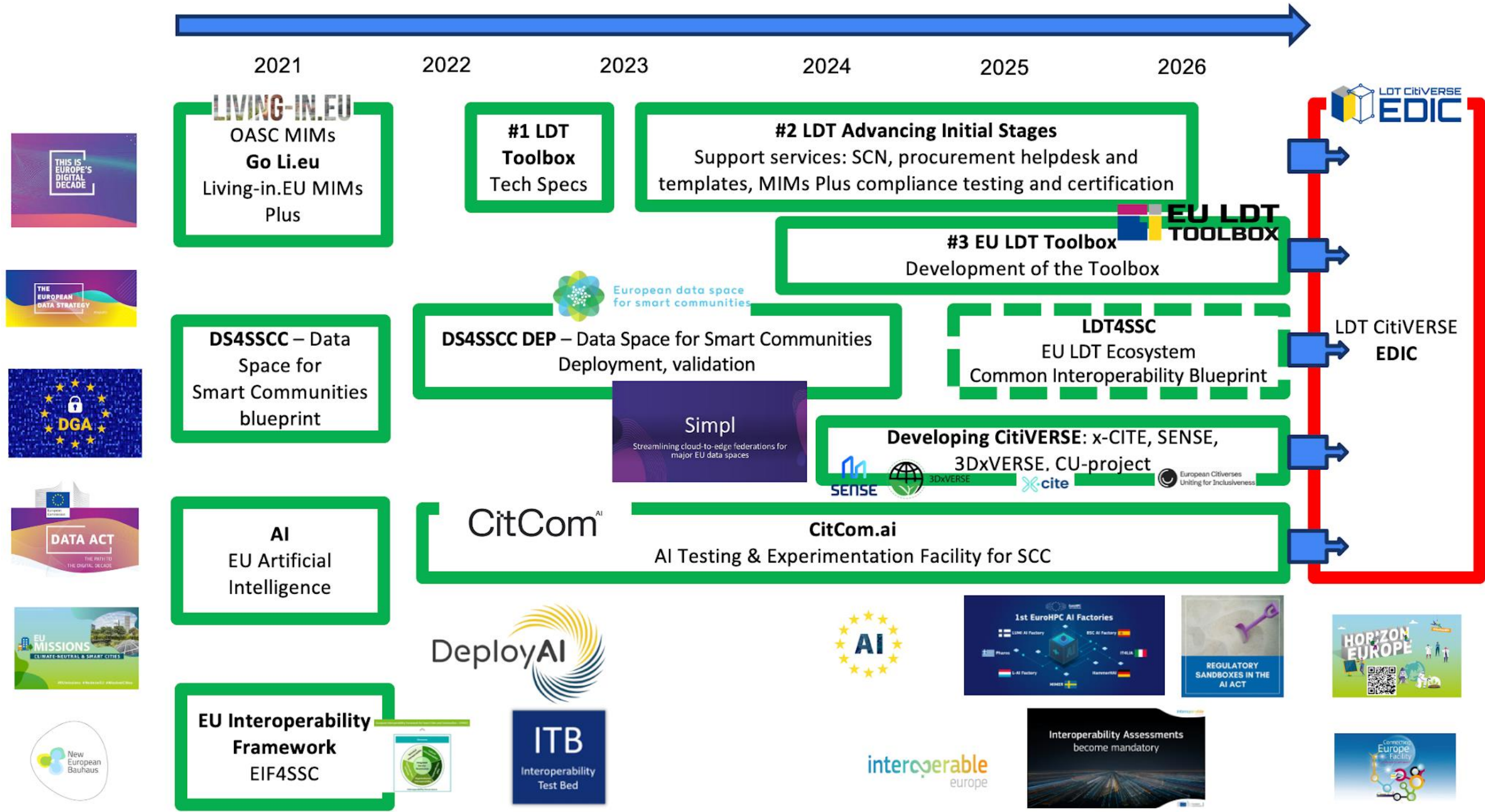
## The consortium





LDT4SSC

The evolution. *From DS4SSCC to LDT4SSC: LDT4SSC Smart Communities Ecosystem*



# LDT4SSC

## The Programme

**LDT4SSC** enables cities and communities to develop interoperable Local Digital Twins for sustainable, data-driven decision-making, while retaining control over local data

# LDT4SSC

## The Calls for Pilots

### What participating cities/communities gain

- Funding for LDT development or enhancement
- Access to interoperable tools, services and standards
- Reusable digital services and governance models
- Support to federate with other European cities/communities
- Capacity-building and methodological guidance

# LDT4SSC

## The Calls for Pilots

The programme seeks to build a robust, scalable network of LDTs and stimulate the use of innovative, data-driven and AI-driven LDT services across 3 Work Strands (WS):

- ☐ **WS1 – Interconnecting existing Local Digital Twins**  
Available funding: €2,100,000
- ☐ **WS2 – Creating new Local Digital Twins based on common needs**  
Available funding: €5,800,000
- ☐ **WS3 – Adding advanced AI-based capabilities to Local Digital Twins**  
Available funding: €2,900,000

# LDT4SSC

## The Work Strands

### WS1 objectives

- Interconnect existing Local Digital Twins
- Enable secure, interoperable cross-city data and service exchange
- Support cross-border use cases and federation at EU level

⇒ Cities and communities cooperate, reuse solutions and learn from each other while retaining local sovereignty.



# LDT4SSC

## The Work Strands

### WS2 objectives

- Develop new or extended Local Digital Twins
- Co-design services for shared challenges
- Enable future federation and reuse at EU level

⇒ Cities and communities develop operational LDTs that can be reused and federated across the EU ecosystem

# LDT4SSC

## The Work Strands

### WS3 objectives

- Develop reusable AI-driven services for Local Digital Twins
- Enable federation and alignment across the EU LDT ecosystem
- Support advanced analytics, simulation and decision support

⇒ Cities and communities deploy reusable AI-based capabilities — such as prediction, simulation and decision support — that can be shared and scaled across the EU LDT ecosystem

# LDT4SSC

## Who can apply!

Participation is open but not limited to :



LOCAL, REGIONAL AND NATIONAL  
PUBLIC ADMINISTRATIONS, EUROPEAN  
DIGITAL INFRASTRUCTURE  
CONSORTIA (EDICs)



NGOS, NON-PROFITS, AND CIVIL  
SOCIETY ORGANISATIONS



RESEARCH INSTITUTIONS AND  
ACADEMIA



BUSINESSES, TECH DEVELOPERS, AND  
SUPPLIERS

# LDT4SSC

## Eligibility and Consortium Requirements

### Consortium Requirements:

- 2 local or regional authorities ← 2 different eligible countries
- + at least 1 additional partner

### Eligible Countries:

- EU Countries (including outermost Regions and Overseas Territories)
- Norway, Iceland, Liechtenstein
- DEP Associated countries



# LDT4SSC

## Funding Structure and Financial Support Mechanisms

### Funding:

- The total EU funding available for the pilots amounts to €17 million (85% of the total budget of the LDT4SSC project), to be distributed across approximately 15 to 20 selected consortia

### Grant rules:

- The **maximum grant** awarded per beneficiary is **€500,000 across pilots**
- The **maximum cumulative grant per consortium** is **€1,000,000**
- Eligible direct costs comprise **Personnel, Subcontracting and Purchase Costs**, while indirect costs are eligible at a flat rate of **7% of total direct costs**.
- All eligible costs must be **actual, incurred during the pilot period**, and in full compliance with applicable regulations, including state aid rules and the prevention of double funding



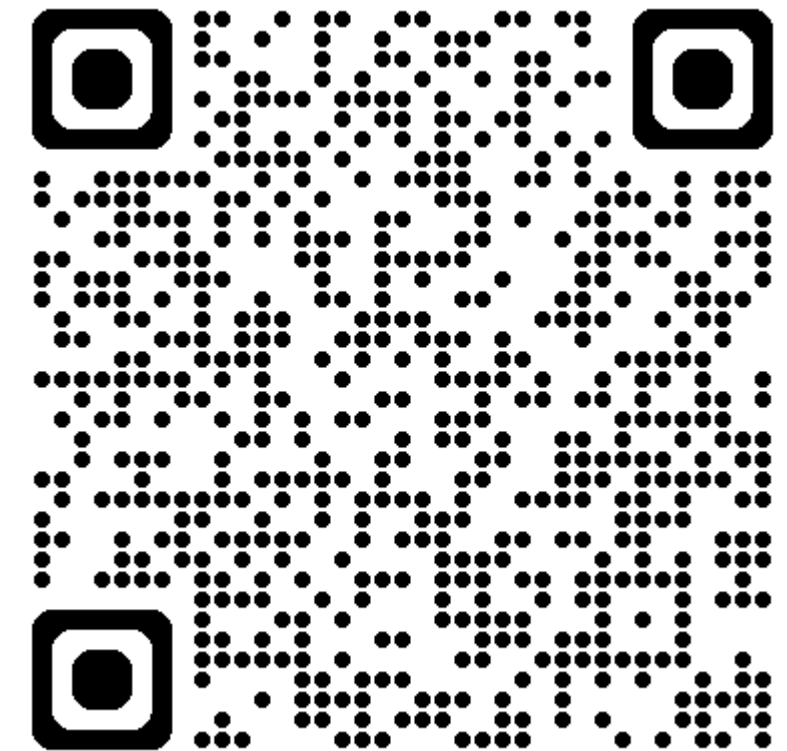
# LDT4SSC

## Funding Structure and Financial Support Mechanisms

### Co-funding model:

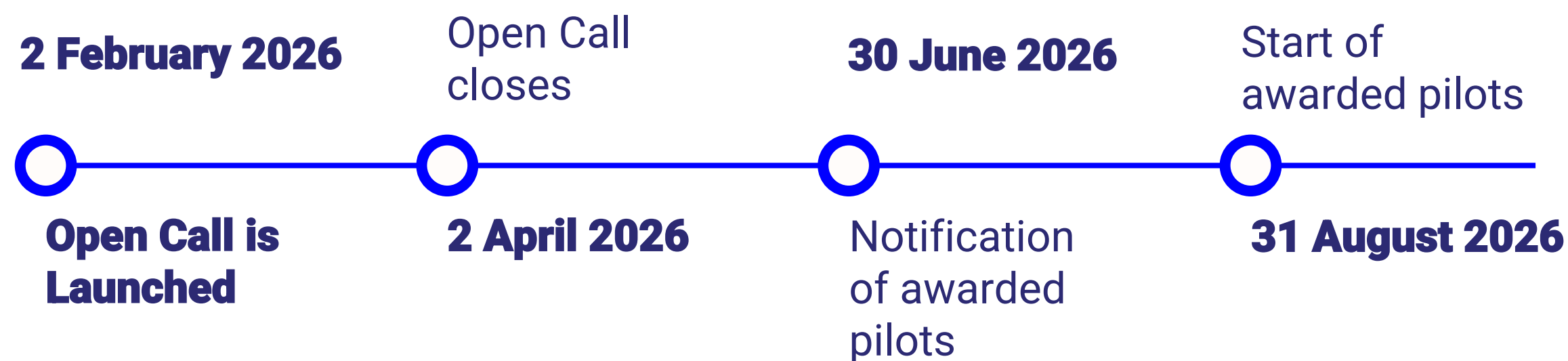
- 50% of eligible costs covered by LDT4SSC
- 50% of total pilot costs covered by the applicants

More information is available on the WS-relevant Call for Pilots Manual, which can be found on the LDT4SSC website.



# LDT4SSC

## Second open call Timeline

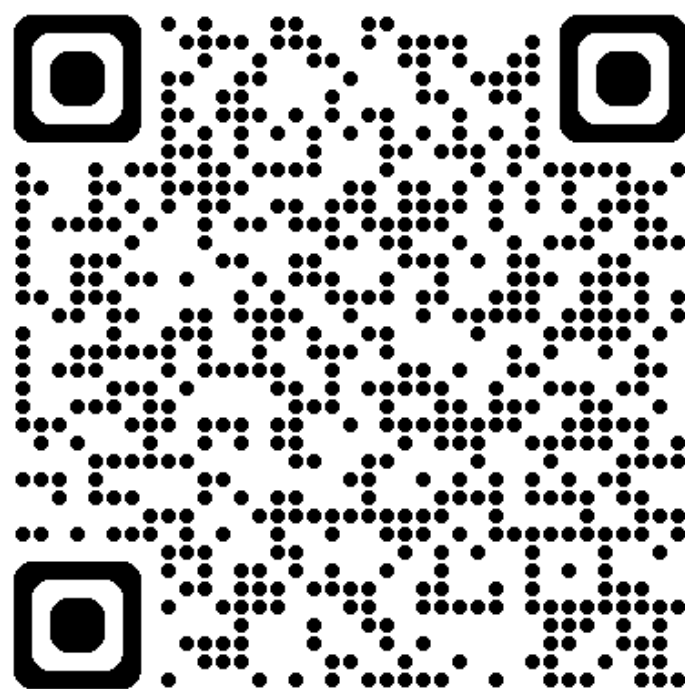


# LDT4SSC

## Find out more!

Visit our website <https://ldt4ssc.eu/>  
and the LDT4SSC Knowledge Hub:  
<https://ldt4ssc.github.io/>

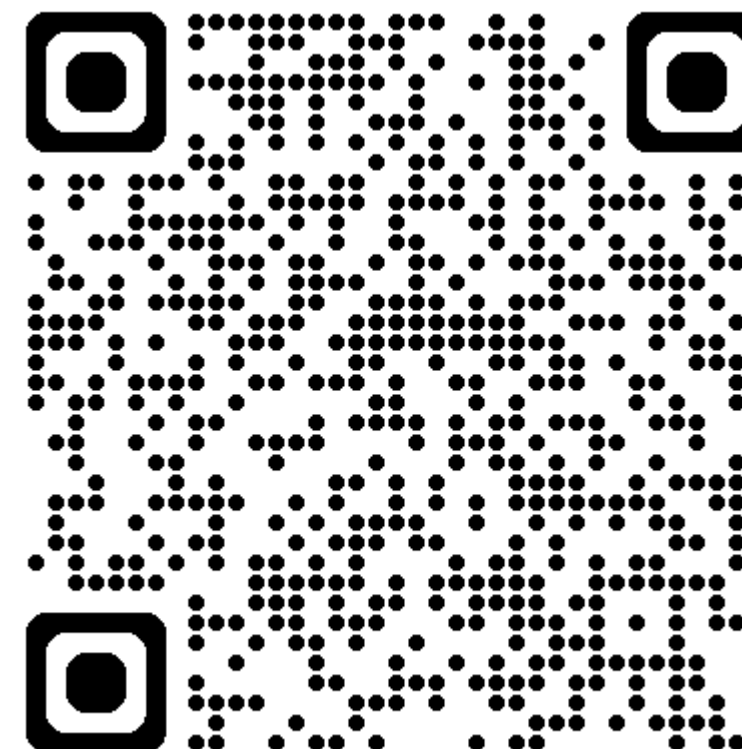
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Email us at [info@ldt4ssc.eu](mailto:info@ldt4ssc.eu)

Register to the next webinar on 12 February



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**MERCI POUR VOTRE ATTENTION !  
THANK YOU FOR YOUR ATTENTION!**



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