

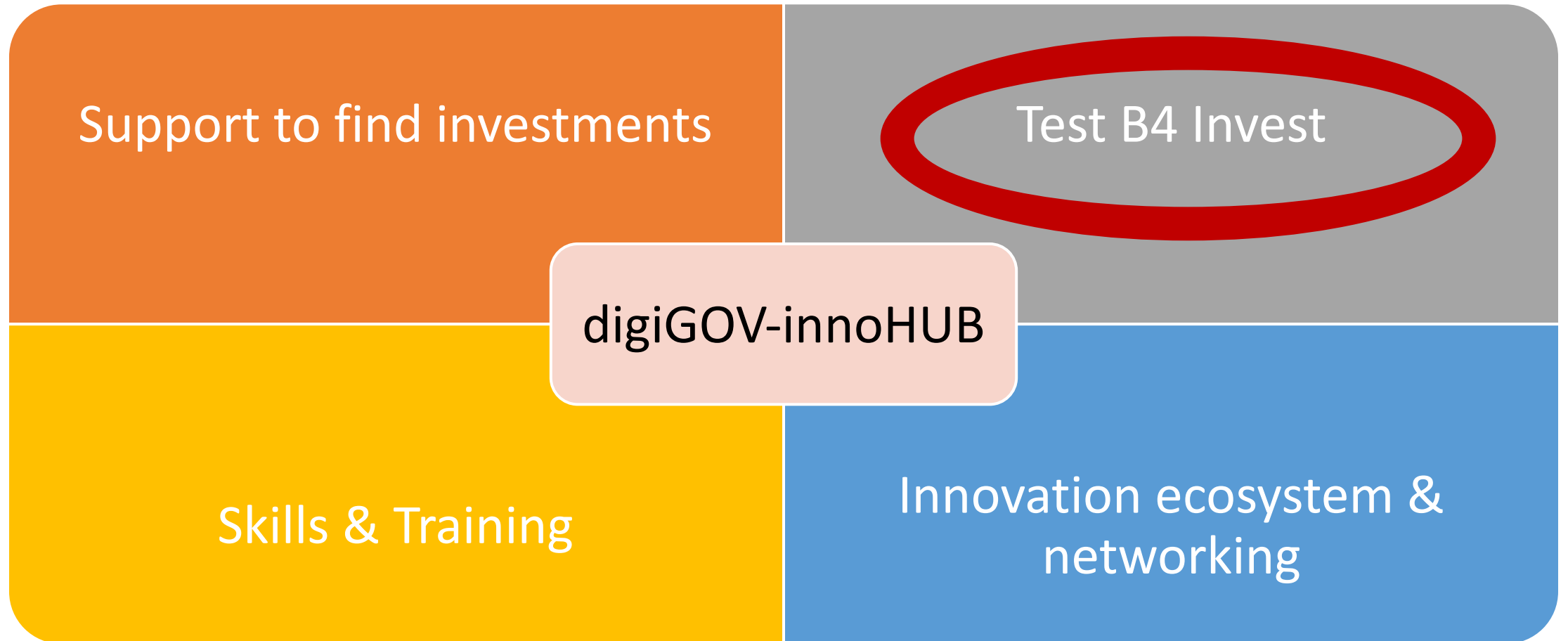


**WP 3 - DigiGov Lab**  
**Sandbox, acceleration and**  
**pilot implementation**  
**(Test Before Invest)**

# **digiGOV-innoHUB**

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# digigOV-innoHUB (overview)



# Scope of WP 3 – Test Before Invest



building blocks



Sandbox



Acceleration



Pilot to MVP



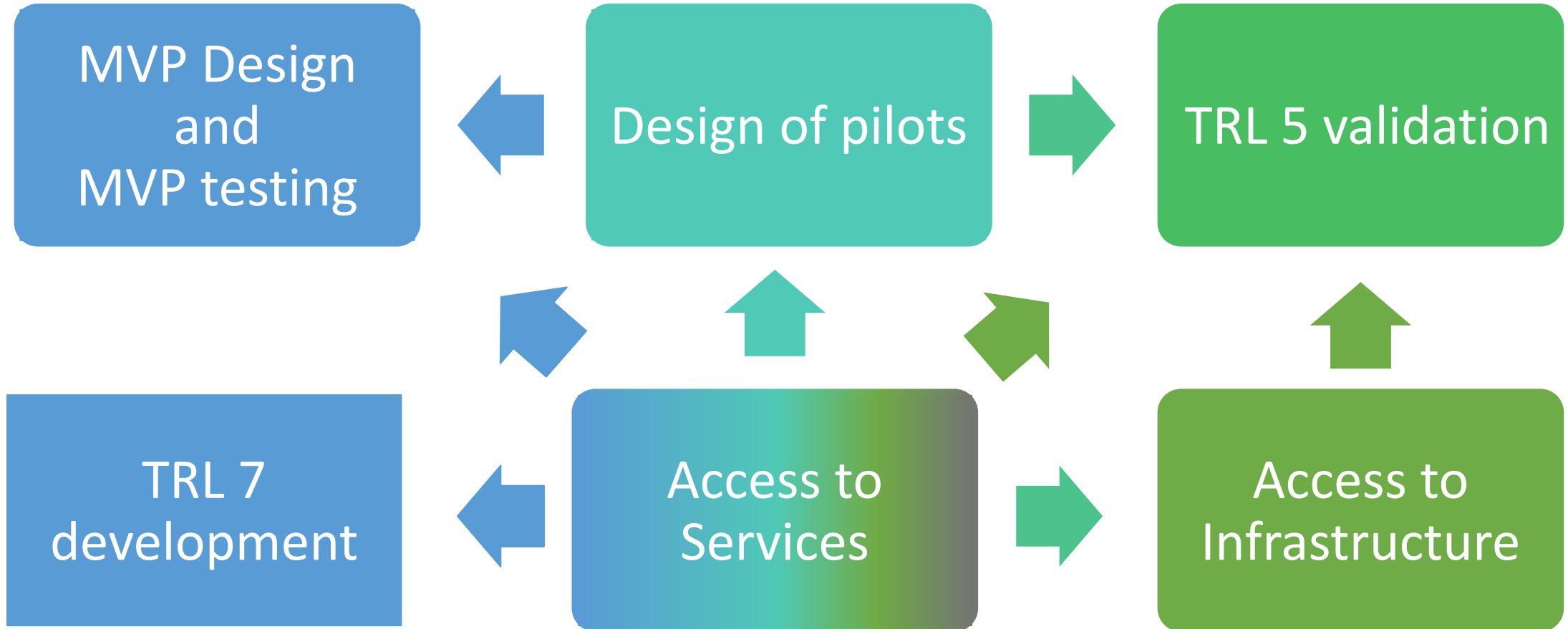
Provide the technical framework to facilitate pilot implementations



Provide the necessary datasets

# Test within WP3

Technically support more than 40 projects of 6 months average duration each



# Design of Small and Medium Scale Pilots

1. Find the challenge
2. Find the appropriate technology mentors
3. Get candidate solutions
4. Evaluate the solutions' maturity level (TRL5 validation)
5. Design the pilots aiming at an MVP
6. Define the AI/ML technologies that fit to the challenge

# Coordination of Small and Medium Scale Pilots

1. Match pilots with technical groups
2. Prepare the infrastructure and the technology to be transferred
3. Utilize results and AI infrastructures from R&D activities implemented in the Universities and Research Centers
4. Support the operation of DigiGov infrastructure
5. Exploit the technology transfer frameworks of the Hub (WP5)
6. Train the users (WP4)

**WP3 services**

# TRL 5 Validation Process

- Understand TRL 5: Grasp the concept and validated prototype.
- Define Objectives: Specify goals and validation metrics.
- Develop Test Plan: Outline activities, scenarios, and criteria.
- Conduct Validation: Execute tests and analyze results.
- Evaluate Readiness: Assess compliance and plan next steps.
- Documenting & Planning: Summarize results & plan next steps.



# TRL 7 Development Process

- Understanding TRL 7: Familiarize stakeholders; demonstrate in operational environment.
- Defining Development Objectives: Specify validated aspects; determine specific goals, metrics.
- Creating Detailed Development Plan: Outline activities, resources, timelines; identify critical dependencies, risks.
- Designing and Engineering Technology: Use insights for design; develop necessary components/modules.
- Building Prototype/System: Construct functional prototype/system; perform testing, quality assurance.
- Integration, Testing, and Optimization: Integrate components; test functionality and optimize.

# MVP Design

- Define Goals: Clarify objectives and audience. Understand the problem and value proposition.
- Identify Core Features: Determine essential functionalities. Focus on minimum viable features for validation.
- Prioritize Features: Rank features by impact and usability. Consider feasibility and user experience.
- Sketch Wireframes: Create low-fidelity visual representations. Gather initial feedback before detailed designs.
- Develop Prototype: Build an interactive model demonstrating key features. Test and refine without full-scale development.
- Gather and Iterate Feedback: Share prototype for user/stakeholder input. Incorporate feedback for continuous refinement.

# MVP Testing

- Define Testing Objectives: Clarify MVP evaluation goals and aspects. Establish success criteria and metrics.
- Identify Testing Methods: Choose suitable testing methods (usability, beta, surveys). Align methods with objectives for relevant feedback.
- Recruit Testers: Gather diverse testers representing the target audience. Utilize recruitment agencies or online platforms.
- Develop Test Scenarios and Tasks: Create real-life use cases for MVP testing. Define specific actions and interactions for testers.
- Conduct Testing Sessions: Schedule and guide testers through tasks. Encourage open feedback and observations.
- Gather and Analyze Feedback: Collect qualitative and quantitative feedback. Identify patterns, usability issues, and enhancements.

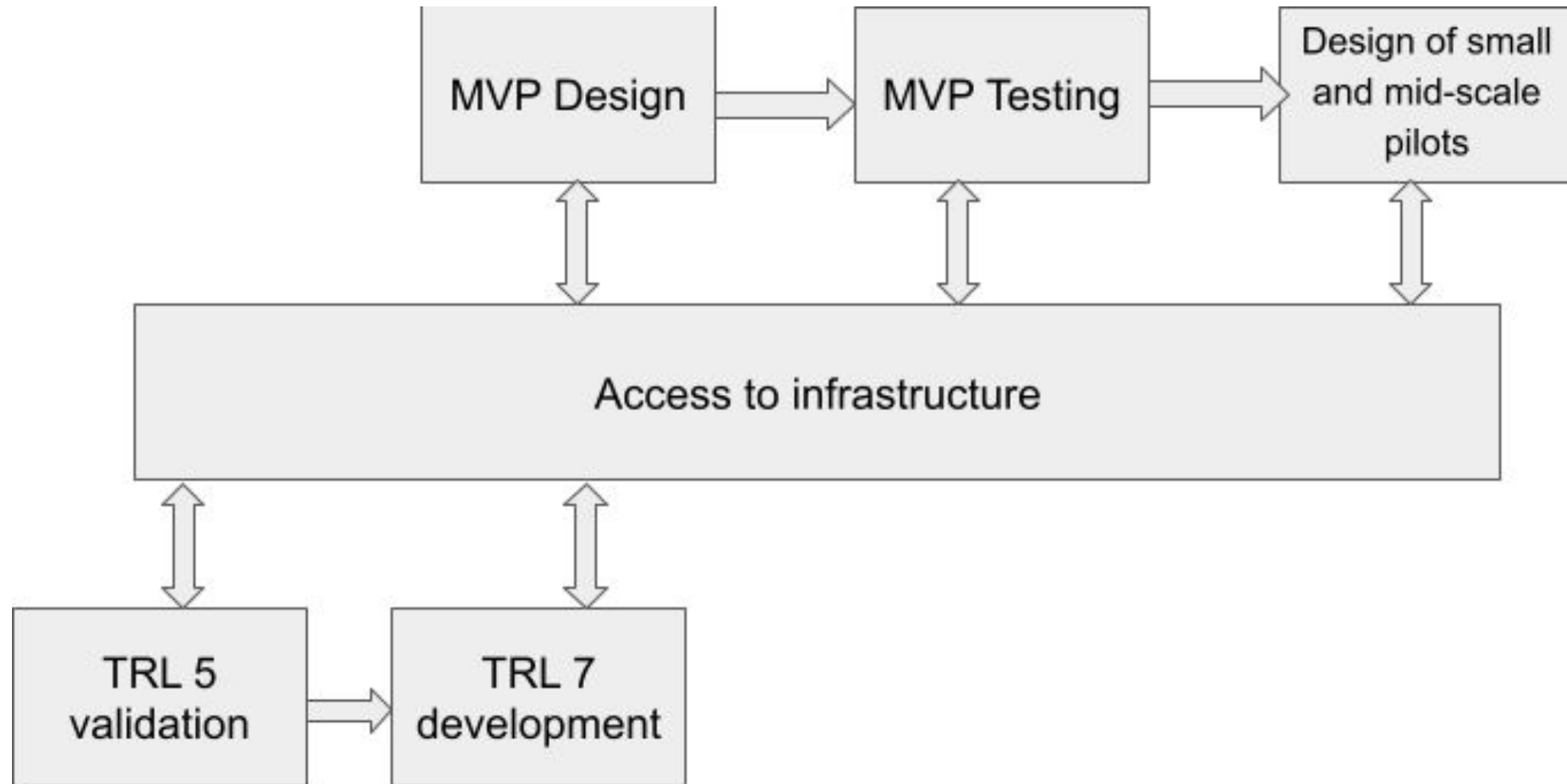
# Access to infrastructure

- Identify Needs: Understand specific client infrastructure requirements.
- Assess Availability: Evaluate existing infrastructure capacity and capabilities.
- Define Service Offerings: Specify provided infrastructure components and constraints.
- Establish Agreements: Define access terms, security protocols, and associated costs.
- Provision Access Mechanisms: Set up user accounts, access controls, and security measures.
- Support Onboarding: Offer assistance for effective utilization during onboarding process.

# Design of Small & Mid-Scale Pilots

- Understand Stakeholders' Objectives: Align with stakeholders' goals and objectives for pilot outcomes.
- Identify Pilot Requirements: Determine user needs, success metrics, and limitations for pilots.
- Define Pilot Scope: Specify tested features, scale, and available resources.
- Plan Pilot Design: Outline activities, methodology, and evaluation criteria.
- Design Pilot Structure: Determine workflow, roles, and communication channels.
- Develop Protocols & Procedures: Create clear instructions, quality control measures for pilot execution.

# WP3 Services



Thank you