

ISTANBUL PROJECT ACADEMY



MARMARA ÜNİVERSİTESİ
İNNOVASYON VE TEKNOLOJİ
TRANSFER UYGULAMA VE
ARAŞTIRMA MERKEZİ





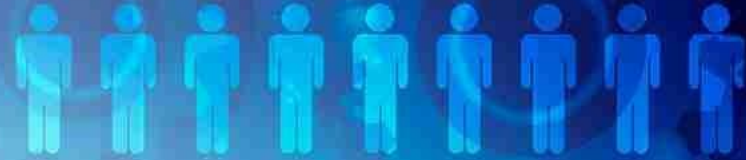
ISTANBUL
PROJECT
ACADEMY



İSTANBUL
CHAMBER OF INDUSTRY



Business Support on Your Doorstep



Horizon Europe Cluster 4: Digital, Industry and Space Brokerage Event





Project Idea / Field of Expertise :

Project NGI

= ♣ ✈ Runway

Apply Next Gen Internet (NGI) technologies in industrial and societal use cases

Organisation Name:

Parkyeri

Addressed Topic(s) & Call(s):

HORIZON-CL4-2023-HUMAN-01-12:

Pilots for the Next Generation Internet (IA)



Parkyeri



- Software SME in Istanbul
- Experienced in databases, storage, transfer and distributed computing, high speed networking, internet technologies
- Completed funded R&D projects:
 - └ propstour (Eureka, Turkey + Spain consortium)
 - └ 3 nationally funded (Tubitak)
- Country leader in
 - └ Vsblocks (ITEA4, 5 countries, 18 partners)

Project NGI = ♣ ✈ Runway



Platform for next generation internet projects to takeoff!

Focus on

- Digital Identity, Auth (SSI), Privacy and Trust
- Human-centric, full control of personal data
- Distributed Data, Computation and Storage

Looking for partners

- Use cases (Companies and Chambers of Industry)
- Internet Service / Cloud / Edge Providers
- Next Gen Internet projects, startups, incubators
- Social Sciences / Humanities experts



How?

- Pilot of already developed NGI technologies,
[(implement / test / evaluate)
- In various industrial and societal settings
- Enable new open source business opportunities
- Provide funding to ~20 projects
[via open calls : 6 – 9 mo, up to 50 k



Project Idea / Field of Expertise :

Project FogPlacer: Distribute storage / compute in the Fog/Edge/Cloud using AI

Organisation Name:

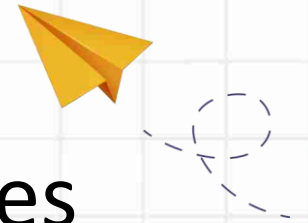
Parkyeri

Addressed Topic(s) & Call(s):

HORIZON-CL4-2023-DATA-01-04: Cognitive Computing Continuum: Intelligence and automation for more efficient data processing (AI, data and robotics partnership) (RIA)



Project FogPlacer



Using Artificial Intelligence to decide

- where to store data
- where/when to do computations
- In a cloud + hyper distributed edge / fog environment
-

Looking for partners

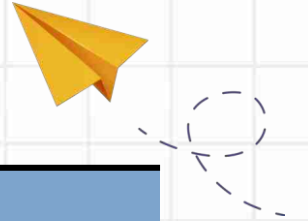
- Use cases (Companies and Chambers of Industry)
- Internet Service / Cloud / Edge Providers
- Next Gen Internet projects, startups, incubators
- Scheduling / Optimization algorithms



Challenges

- Scheduling Computations
- Storage optimization
- Possibly tens of thousands of nodes
- Energy efficiency
- Privacy, Security
- Trustworthy

Contact details



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THANK YOU...



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