A COLLABORATIVE PLATFORM TO UNLOCK THE VALUE OF NEXT GENERATION INTERNET EXPERIMENTATION

HUB4NGI
An overview of vision and objectives

WWW.HUB4NGI.EU
The Next Generation Internet

A MOVING TARGET WITH AN AMBITIOUS VISION

A "movement" for a Human-centric Internet, an Internet of & for people that aims to

• Mobilise young talents and the civil society
• Be inclusive and multidisciplinary
• Embrace research, technology, policy & business for socio-economic impact

“NGI should be designed for humans, so that it can meet its full potential for society and economy and reflect the social and ethical values that we enjoy in our societies”

[Roberto Viola, DG Connect]
The main goal of HUB4NGI is to transform the current Next Generation Internet, NGI, initiative into an increasingly dynamic, collaborative and participatory Innovation Ecosystem. HUB4NGI efforts are supporting and coordinating activities across the whole NGI domain by providing a collaborative platform, including content, tools and processes, to turn Internet Researcher and Innovators into NGI promoters.

FACTS AND NUMBERS

- 2 years CSA, started Jan 2017
- 5 Work Packages:
  - NGI APPROACH (IDC)
  - NGI GUIDE (IT Innovation)
  - NGI CATALYST (PSNC)
  - NGI BOOST (Ou)
  - NGI FIGHTER (Martel)
A GROUNDED APPROACH
The HUB4NGI Approach

KNOW-HOW, EXPERTISE, LIAISONS & TOOLS AT THE SERVICE OF NGI

An Innovation HUB for the NGI

Objectives:

• Contribute to **ground the NGI vision**, defining **research scope and priorities**, building the **community** and engaging **key players**

• Contribute to the **NGI roadmap definition** to help shaping and defining its future, including recommendations for WP 2018-2020 and FP9

• Facilitate **contributions to the NGI from technological opportunities** arising from cross-links and advances in various related R&D fields
HUB4NGI – Facts and Figures

- 2 years CSA
- 6 partners:
  - Martel (CH, Coordinator)
  - IT Innovation (UK)
  - Open University (UK)
  - IDC (Italy)
  - PSNC (PL)
  - IMEC (BE)
- 5 work packages covering strategy and operation
The HUB4NGI Ambition

CRUCIAL PRIORITIES FOR NGI

• Define a methodology
• Enforce a sound approach
• Ground vision and strategy
• Define the R&D agenda
• Validate the methodology
• Engage stakeholders
• Grow the community
• Operate the ecosystem

WP 1 – NGI APPROACH
WP 2 – NGI GUIDE
WP 3 – NGI CATALYST
WP 4 – NGI BOOST
WP 5 – NGI FIGHTER
Grounding the NGI Vision, Strategy & Plans

Defining Methodology / NGI Machinery

Verifying the NGI Approach / Engaging Stakeholders

Bootstrapping & Operating the NGI Ecosystem
Zooming into work organisation
START

ZOOMING INTO INDIVIDUAL ACTIVITIES
HUB4NGI: WP1 APPROACH

APPROACH: defines an appropriate methodology for collecting and assessing the information relevant to the uptake of the Next Generation Internet initiative, while defining the exact models and templates as well as a database structures to collect data.

It will detail procedures to analyse it as well as a KPI infrastructure to measure and assess the overall NGI initiative and resources available to the stakeholders in the domain.

It will create ad-hoc input on NGI domain to the Roadmap and Policy Recommendations in NGI GUIDE.
TASKS DECOMPOSITION

• Task 1.1 Classification and Assessment methodology
  
  It defines the methodological approaches to be used in HUB4NGI review, classification, assessment and guidance of the initiatives across the entire NGI Programme.

• Task 1.2 Programme Analysis
  
  In charge of delivering a status and coverage report of the initiatives, research topics, technologies, actors and resources available to the NGI community.

• Task 1.3 Programme Impact Measures and Benchmarks
  
  It will create KPIs and Benchmark to be reported in the NGI literature.
GUIDE: provides strategic guidance to build and develop a vision and a strategy to establish and grow the whole Next Generation Internet Work Programme.

The NGI GUIDE will provide recommendations for the NGI programme, including technical areas, priorities, ways to invest, composition and scale for NGI ecosystems both in the short and medium-to-long term perspective.

By performing a gap analysis and delivering roadmap and policy recommendations, this WP will indicate the evolution of NGI capabilities in the next future.
HUB4NGI: WP2 GUIDE

T1.1 Methodology (IDC)

T1.2 Portfolio and Programme Analysis (PSNC)

T1.3 Programme Impact Measures and Benchmarks (IDE)

T2.1 NGI Vision and Strategy (ITINNOV)

T2.2 NGI Innovation Pathways and Gap Analysis (ITINNOV)

T2.3 NGI Roadmap and Policy Recommendations (ITINNOV)

T3.1 Internet Researchers and Innovators Engagement Strategy (PSNC)

T3.2 Prototyping and Validation of NGI Experimentation Approach (IMEC)

T4.1 Community Building (OU)

T4.2 Marketing and Communication (MARTEL)

T4.3 Events' Participation and Organisation (IDC)

Vision, stakeholders and priorities

Current programme situation

Programme data

Programme success measures and procedures

Innovation pathways

NGI APPROACH

WORK PROGRAMME RECOMMENDATIONS

WP1

WP2

WP3

WP4

WP5

T5.1 Project Management

T5.2 Financial Management

T5.3 Monitoring & Evaluation

Consultation with community

 evidence for NGI approach

innovator ecosystems
HUB4NGI: WP2 GUIDE

TASKS DECOMPOSITION

• Task 2.1 NGI Vision and Strategy
  It provides feedback in line with the existing NGI vision and updates from the vision analysis, building on pre-existing recent work, consulting within the emerging NGI community and relevant experts from beyond the NGI community

• Task 2.2 NGI Innovation Pathways and Gap Analysis
  It determines the pathways to impactful innovation within the NGI, and will recommend areas to fill identified gaps within the current and planned NGI programmes

• Task 2.3 NGI Roadmap and Policy Recommendations
  Its major purpose is to synthesise outputs from many other tasks within Hub4NGI, in order to produce a cohesive roadmap and recommendations for the NGI work programme
CATALYST: accelerates the NGI programme implementation, by identification and promotion of the NGI value and stimulation of increased participation in the NGI of variety players, with specific attention to SMEs.

This WP creates and runs a set of dedicated activities and coordinates processes of prototyping and validation of the NGI approach by engaging third-party communities in establishment of NGI vision and bootstrapping the creation of the NGI ecosystem.
HUB4NGI WP3 CATALYST

TASKS DECOMPOSITION

• Task 3.1 NGI Researches and Innovators Engagement Strategies

  To identify strategies to engage both research groups and innovators in the NGI programme to identify possible threshold-lowering barriers and incentives to attract and engage them to the NGI

• Task 3.2 Prototyping and validation of the NGI approach

  To set up validation procedures for the NGI approach and execute validation procedures. Create and manage a programme to evaluate and reward outstanding contributions to the establishment of the NGI vision and recognize major achievements and results within NGI
HUB4NGI: WP4 BOOST

**BOOST**: bootstraps and assists the creation of the NGI ecosystem as a vibrant and disruptive framework by implementing community building strategies to reach and embrace different target groups (researchers, innovators, policy makers) and players (academia, industry, SMEs, Startups) in Europe and beyond.

WP4 coordinates and empowers marketing and communication efforts to creating awareness about the whole NGI initiative in Europe and worldwide. It ensures participation to and organisation of events.
HUB4NGI: WP4 BOOST
HUB4NGI: WP4 BOOST

TASKS DECOMPOSITION

• Task 4.1 Stakeholder Engagement and Community Building
  
  Bringing together the dynamic NGI landscape by means of an NGI Board, NGI Experts Groups and contributing to the set up and coordination of the NGI Interest Groups. It also supports interaction and coordination with the FIF representatives

• Task 4.2 Marketing and Communication
  
  This task is dedicated to define and implement the marketing and communication strategy at the service of the whole NGI ecosystem, by planning and ensuring effective promotion and bootstrapping of the NGI initiative

• Task 4.3 Events’ Participation and Organization
  
  This task will take care of organising dedicated events, as well as coordinating participation to major ones that will contribute to increase the visibility and the impact of the NGI initiative and HUB4NGI activities
This WP manages and coordinates HUB4NGI effectively and guarantees smooth interaction among the partners and with the EC for all administrative, legal and financial matters, supervising risks, timely progress and excellent quality delivery.
THE HUB4NGI FUNNELING APPROACH: from engagement to retention of stakeholders
# HUB4NGI List of deliverables

<table>
<thead>
<tr>
<th>Deliv. N°</th>
<th>Deliverable Title</th>
<th>WP</th>
<th>Lead Partner</th>
<th>Type</th>
<th>Dissem level</th>
<th>Delivery date</th>
</tr>
</thead>
<tbody>
<tr>
<td>D1.1</td>
<td>NGI Classification and Assessment Methodology</td>
<td>1</td>
<td>IDC</td>
<td>R</td>
<td>PU</td>
<td>M06</td>
</tr>
<tr>
<td>D1.2</td>
<td>Portfolio and National Programmes</td>
<td>1</td>
<td>PSNC</td>
<td>R</td>
<td>PU</td>
<td>M12</td>
</tr>
<tr>
<td>D1.3</td>
<td>NGI Impact Measures and Benchmarks</td>
<td>1</td>
<td>IDC</td>
<td>O</td>
<td>PU</td>
<td>M24</td>
</tr>
<tr>
<td>D2.1</td>
<td>NGI Guide v1</td>
<td>2</td>
<td>ITInnov</td>
<td>R</td>
<td>PU</td>
<td>M06</td>
</tr>
<tr>
<td>D2.2</td>
<td>NGI Guide v2</td>
<td>2</td>
<td>ITInnov</td>
<td>R</td>
<td>PU</td>
<td>M12</td>
</tr>
<tr>
<td>D2.3</td>
<td>NGI Guide v3</td>
<td>2</td>
<td>ITInnov</td>
<td>R</td>
<td>PU</td>
<td>M24</td>
</tr>
<tr>
<td>D3.1</td>
<td>Innovators Engagement Strategy</td>
<td>3</td>
<td>PSNC</td>
<td>R</td>
<td>PU</td>
<td>M12</td>
</tr>
<tr>
<td>D3.2</td>
<td>Report for prototyping and validation</td>
<td>3</td>
<td>IMEC</td>
<td>R</td>
<td>PU</td>
<td>M22</td>
</tr>
<tr>
<td>D4.1</td>
<td>The HUB4NGI Portal</td>
<td>4</td>
<td>Martel</td>
<td>DEC</td>
<td>PU</td>
<td>M03</td>
</tr>
<tr>
<td>D4.2</td>
<td>Marketing, Communication and Community Building Strategy and Plan</td>
<td>4</td>
<td>Martel</td>
<td>R</td>
<td>PU</td>
<td>M04</td>
</tr>
<tr>
<td>D4.3</td>
<td>Report on Community Building and Promotional Activities</td>
<td>4</td>
<td>OU</td>
<td>R</td>
<td>PU</td>
<td>M12</td>
</tr>
<tr>
<td>D4.4</td>
<td>Report on Community Building and Promotional Activities</td>
<td>4</td>
<td>IDC</td>
<td>R</td>
<td>PU</td>
<td>M24</td>
</tr>
<tr>
<td>D5.1</td>
<td>Project Presentation</td>
<td>5</td>
<td>Martel</td>
<td>R</td>
<td>PU</td>
<td>M03</td>
</tr>
<tr>
<td>D5.2</td>
<td>Quality Assurance Plan</td>
<td>5</td>
<td>Martel</td>
<td>R</td>
<td>PU</td>
<td>M03</td>
</tr>
<tr>
<td>D5.3</td>
<td>Data Management Plan (updated yearly)</td>
<td>5</td>
<td>OU</td>
<td>R</td>
<td>CO</td>
<td>M06</td>
</tr>
</tbody>
</table>
THANK YOU FOR YOUR ATTENTION

WWW.HUB4NGI.EU

This project received funding from the European Union’s Horizon 2020 research and innovation programme under grant agreement No 732569