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HUB4NGI

D5.1 PROJECT PRESENTATION

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Authors	Monique Calisti (Martel), Giorgio Micheletti (IDC), Bartosz Belter (PSNC), Alexander Mikroyannidis (OU), Steve Taylor (IT innovation)
Reviewers	Alessandra Scicchitano (Martel)

Abstract	This deliverable is a first high-level presentation that gives an overview of the HUB4NGI project, including objectives, work organization and major planned outcomes
Keywords	Hub for next generation internet, HUB4NGI, presentation, overview

DISCLAIMER

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Dissemination Level		
PU	Public, fully open, e.g. web	✓
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* R: Document, report (excluding the periodic and final reports)

DEM: Demonstrator, pilot, prototype, plan designs

DEC: Websites, patents filing, press & media actions, videos, etc.

OTHER: Software, technical diagram, etc.

EXECUTIVE SUMMARY

This document gathers a slides-based presentation of the HUB4NGI project. It is a first attempt to present the way in which the work and planned activities have been organised so as to effectively serve the whole Next Generation Internet community to grow and embrace an increasing number of researchers and innovators all across Europe and beyond.

The presentation starts with an introduction of the Next Generation Internet followed by an overview of the HUB4NGI vision, its ambition, the consortium and the main facts about its planned execution.

The second part of the presentation describes each work package, the main objectives and specific tasks that the planned work has been broken down into. The list of planned HUB4NGI deliverables concludes the presentation.

As part of the activities planned within the HUB4NGI marketing and communication task (within work package 4) other more specific and focused presentations will follow in various forms (such as flyers, newsletters, videos, etc.) that will help promoting the NGI and HUB4NGI work at the service of the whole community.

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HUB4NGI

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

HUB4NGI
An overview of vision and objectives

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The Next Generation Internet

HUB4NGI

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]

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The HUB4NGI Project

THE HUB4NGI AMBITION

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)

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A GROUNDED APPROACH

HUB4NGI

The HUB4NGI Approach

HUB4NGI

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

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HUB4NGI – Facts and Figures

HUB4NGI

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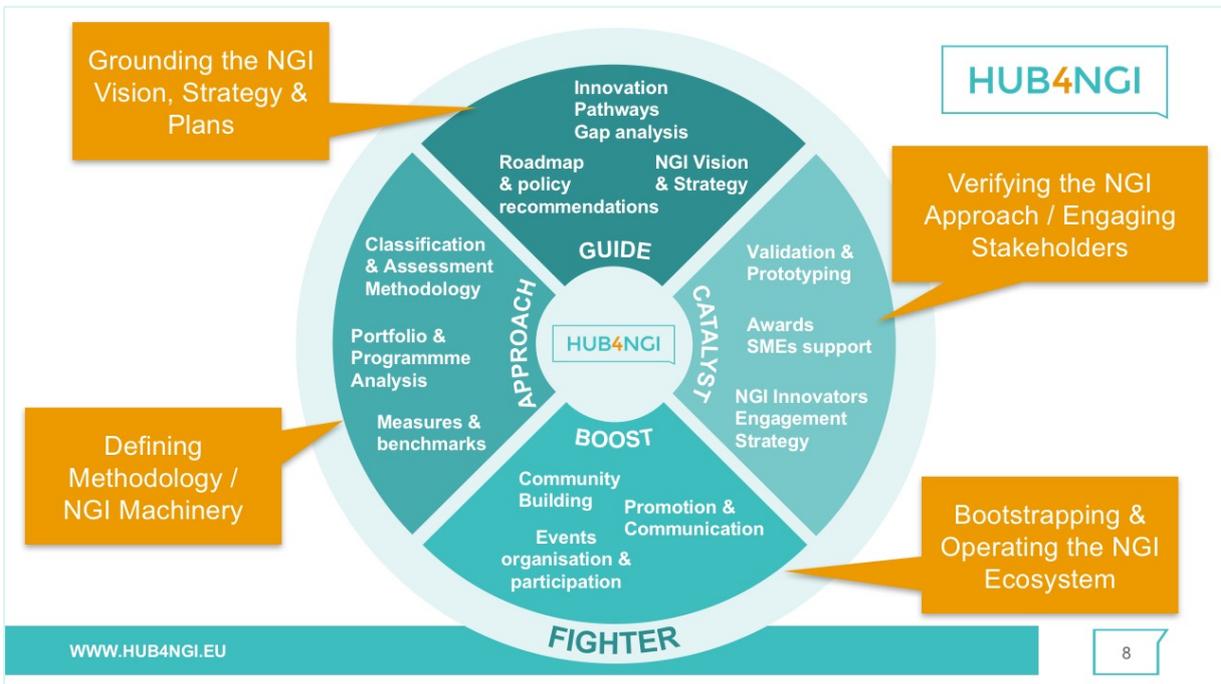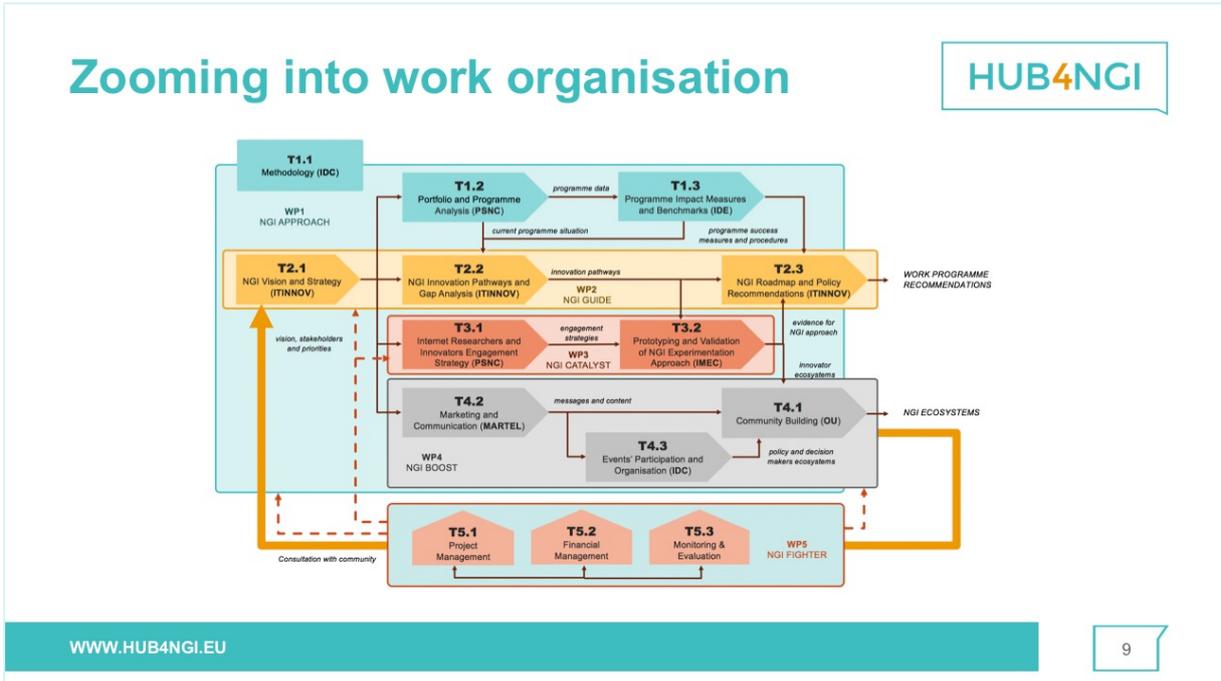- **5 work packages** covering strategy and operation

MARTEL innovate

iT innovation

The Open University

IDC Analyze the Future

PSNC

imec

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The HUB4NGI Ambition

HUB4NGI

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

WP5 – NGI FIGHTER

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Grounding the NGI Vision, Strategy & Plans

HUB4NGI

Innovation Pathways Gap analysis

Roadmap & policy recommendations

NGI Vision & Strategy

GUIDE

Classification & Assessment Methodology

APPROACH

Portfolio & Programme Analysis

HUB4NGI

CATALYST

Validation & Prototyping

Awards SMEs support

NGI Innovators Engagement Strategy

Verifying the NGI Approach / Engaging Stakeholders

Measures & benchmarks

BOOST

Defining Methodology / NGI Machinery

Community Building

Events organisation & participation

Promotion & Communication

Bootstrapping & Operating the NGI Ecosystem
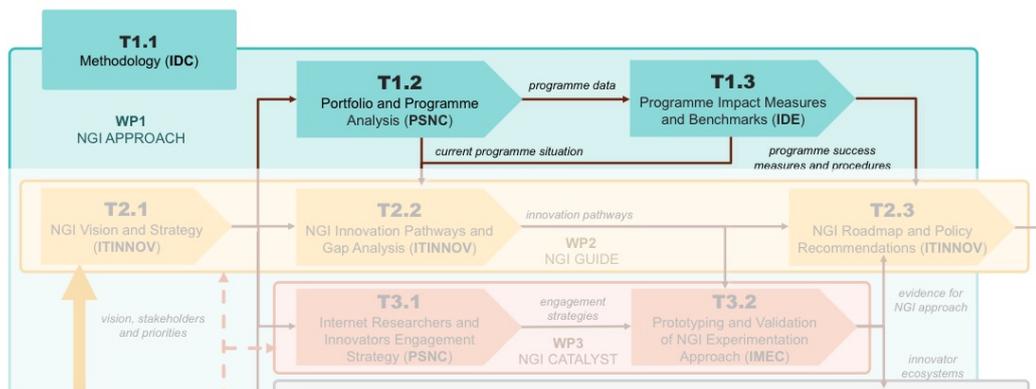
FIGHTER

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HUB4NGI

HUB4NGI: WP1 APPROACH

HUB4NGI

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.

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HUB4NG:I WP1 APPROACH

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HUB4NGI: WP1 APPROACH

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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

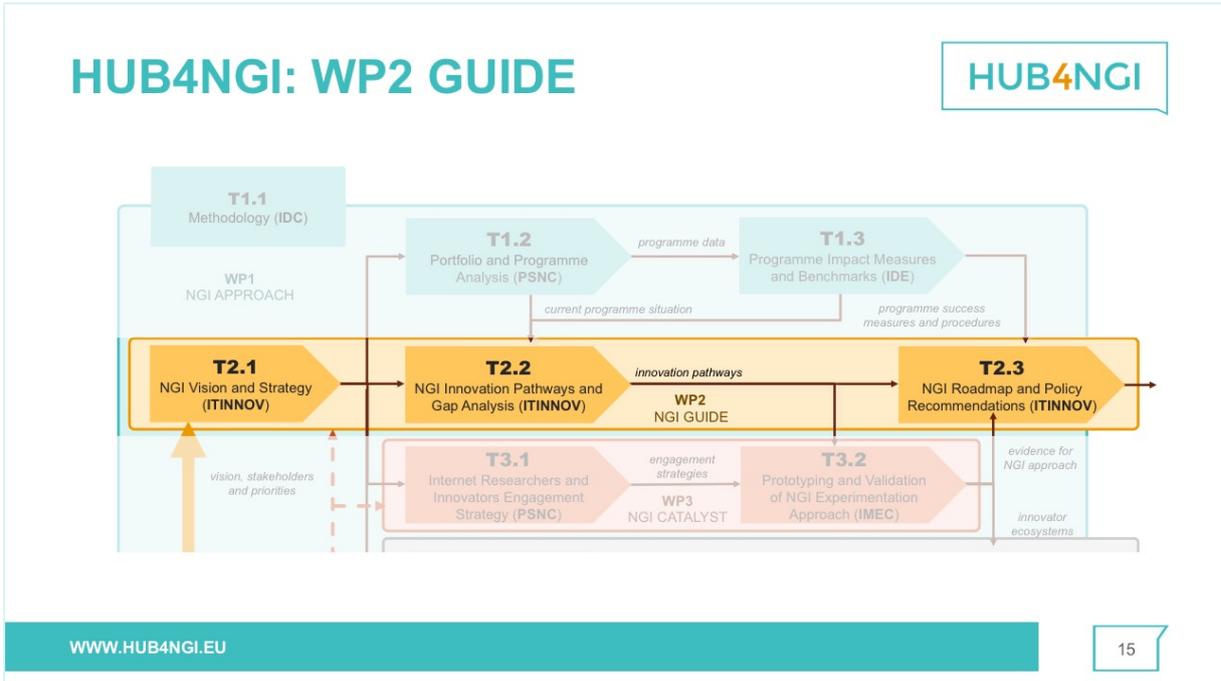   *It will create KPIs and Benchmark to be reported in the NGI literature.*

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HUB4NGI: WP2 GUIDE

HUB4NGI

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.

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HUB4NGI: WP2 GUIDE

HUB4NGI

HUB4NGI: WP2 GUIDE

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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
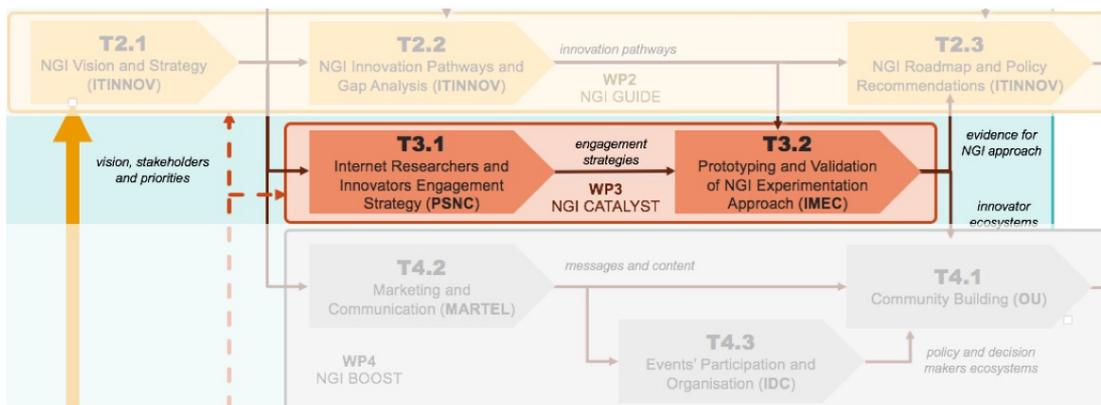
HUB4NGI: WP3 CATALYST

HUB4NGI

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.

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HUB4NGI: WP3 CATALYST

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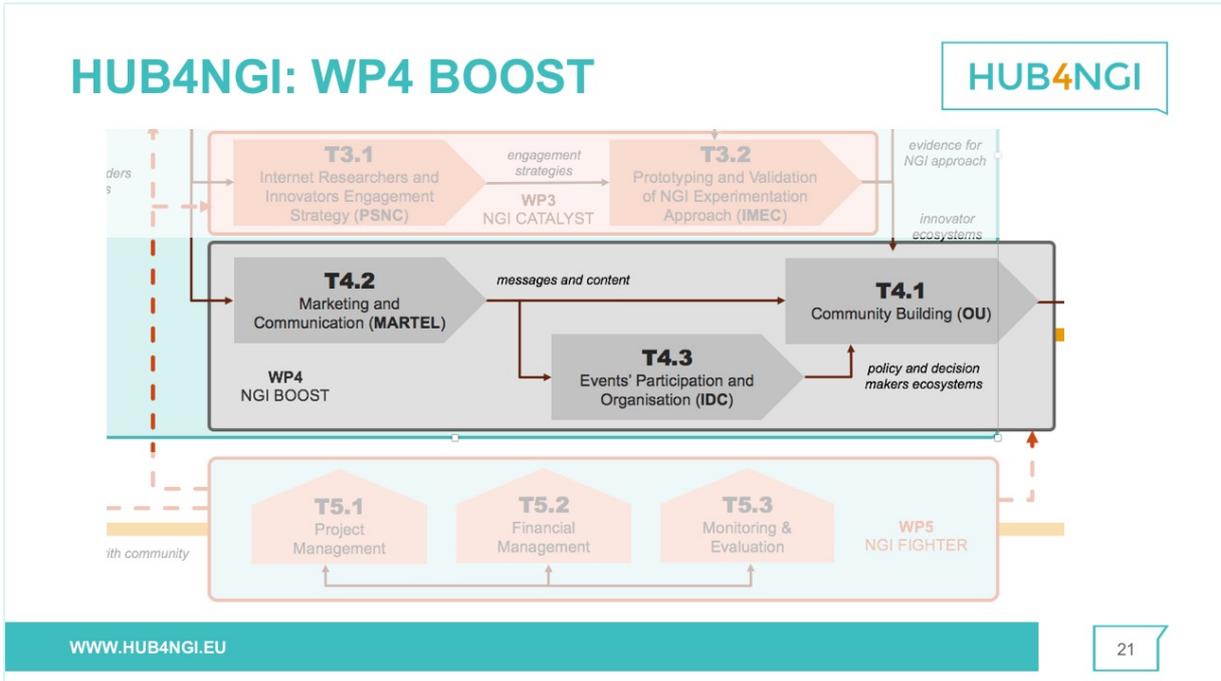# HUB4NGI WP3 CATALYST

HUB4NGI

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

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HUB4NGI: WP4 BOOST

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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.

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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

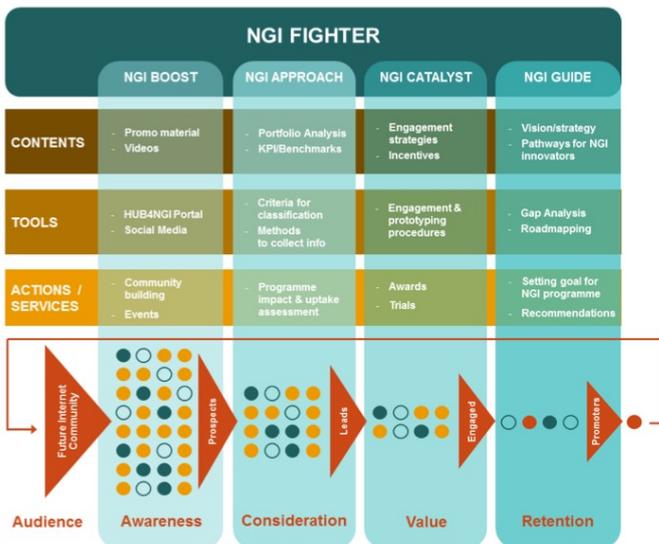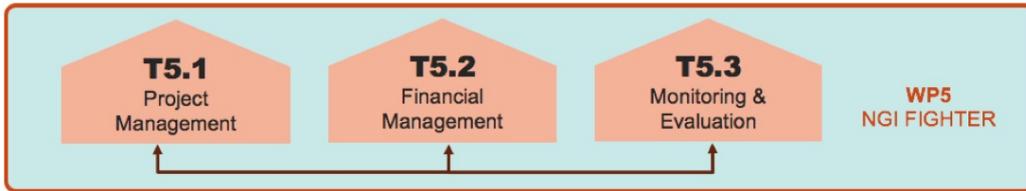- Task 4.3 Events' Participation and Organization

  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

HUB**4**NGI

HUB4NGI: WP5 FIGHTER

HUB**4**NGI

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.

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HUB**4**NGI

THE HUB4NGI FUNNELING APPROACH:
from engagement to retention of stakeholders

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HUB4NGI List of deliverables

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

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