



**NEXT
GENERATION
INTERNET**

Di cosa si tratta?

Una nuova, ambiziosa

iniziativa Europea

per sviluppare quello che sara' l'internet

del futuro

Next Generation Internet. Perché'?

Internet oggi

- Concentrazione di potere
- Problemi relativi a privacy e sicurezza

Internet del futuro

- Funzionalità completamente nuove
- Un internet per le persone

Cosa puo' fare l'Europa?

NGI – Come dovrebbe essere?

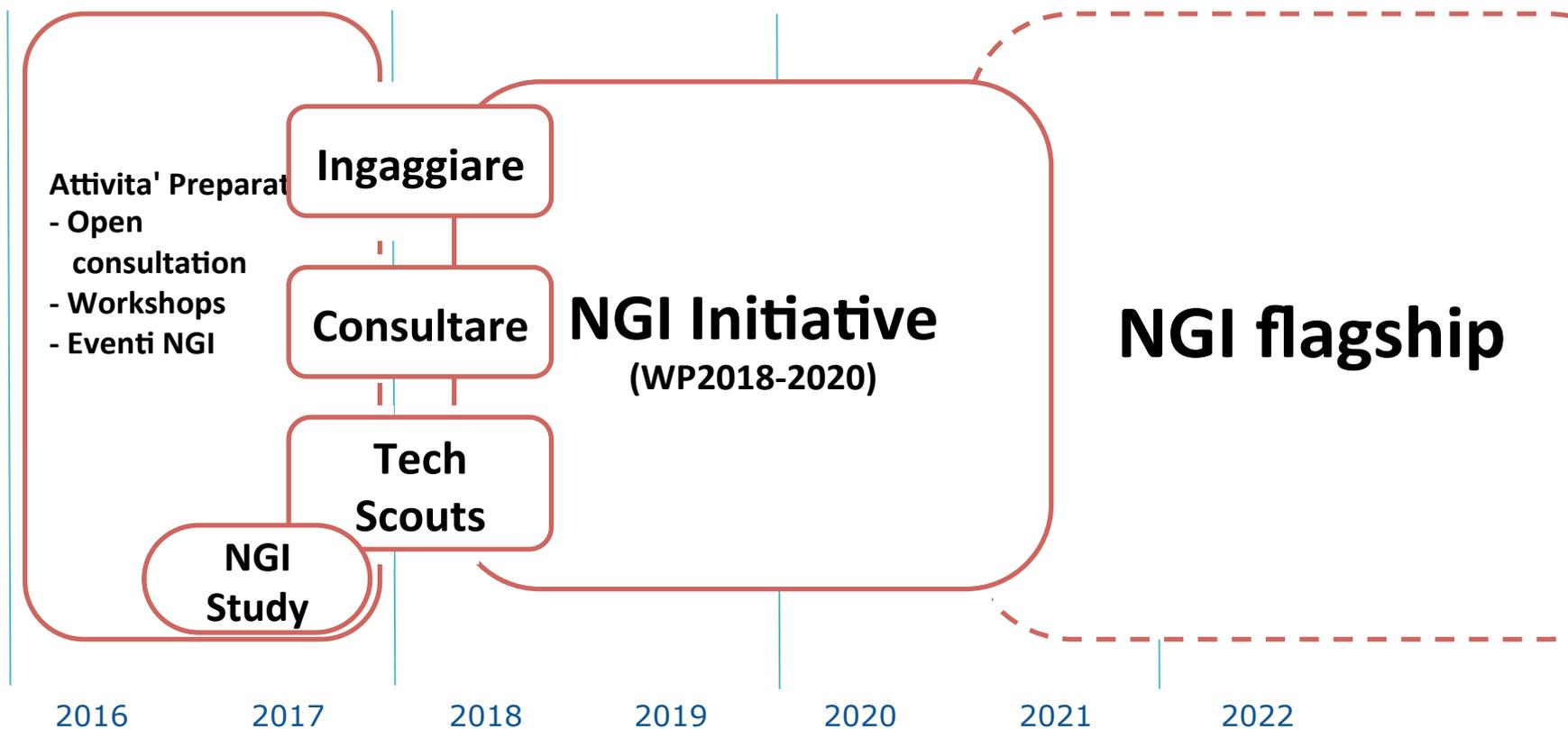
Human-centric:

- Al servizio delle persone e della società'
- Che si occupi dei problemi attuali
- Che faccia dell'"internet delle persone e per le persone" un principio di design e sviluppo

L'approccio NGI

- Iniziare e sostenere un "movimento" per uno Human-centric Internet
- Mobilizzare i giovani talenti e la società civile
- Essere inclusivo e multidisciplinare
 - Ricerca, Tecnologia, Policy, Impresa, aspetti socioeconomici

NGI Action Roadmap



NGI - Open consultation

Technology area 2: New forms of interactions and immersive environments

Increased computing, transmission power and next generation of devices (enabled by micro-nano-bio technology) allows conceptualizing new forms of interactions with machines and immersive environments that will have an impact in our professional and private life. New challenges are raising related to augmented and virtual reality, behaviour, human-computer interactions, haptics, human-human interactions through computers, machine-to-machine, spatial recognition and geographic information systems.

How important do you consider this area to drive the transformation of the Internet?

- very important
- important
- not that relevant

Research and Innovation challenges that will be critical to address in this area:

1000 character(s) maximum

Indicate up to three relevant national or European initiatives in the area.

500 character(s) maximum

What is your expertise in this technology area?

- I work in this area
- I have a good understanding of the area
- I have just general knowledge

**8 statements –
focus on values**

**7 technology areas
+ 2 additional
technology areas
(free text)**

**Open: 10 Nov -9 Jan
(60 days)**

449 responses

NGI support actions

Studio

(NLnet + Gartner)

Sviluppo della visione:

ambito tecnologico
innovazione nei servizi
impatto socio-economico
prospettiva degli utenti

Sviluppo dell'ecosistema:

trend tecnologici
sviluppo della comunita'
mappatura delle iniziative
rilevanti...

CSAs

(ICT-41 + WP 2018-20)

Strategia e policy:

coinvolgimento degli
stakeholder
roadmaps
advisory role

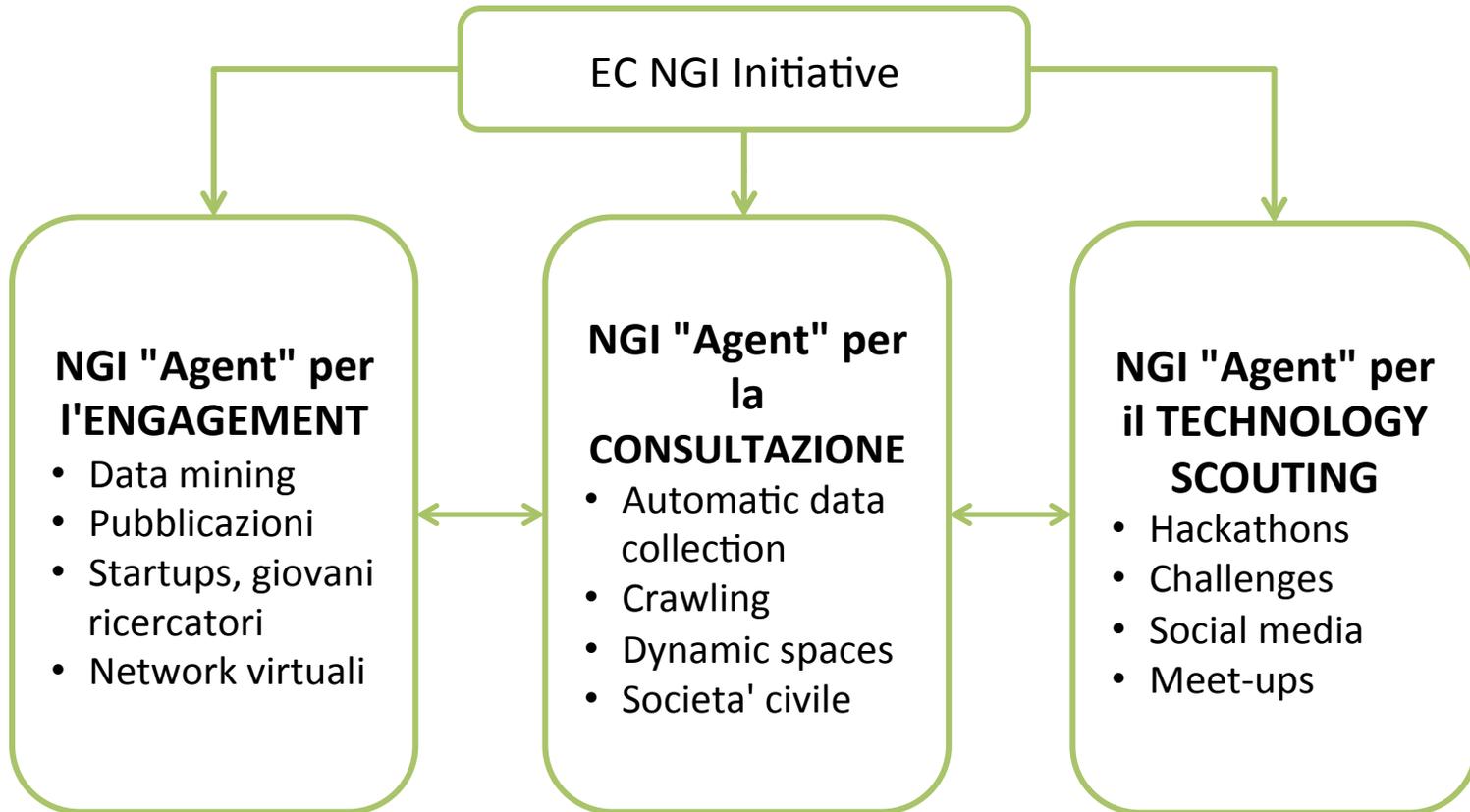
Technology harvest & transfer

coaching/mentoring/ follow-up
trasferimento conoscenze e
competenze

Outreach office:

strategia comunicativa
media e eventi

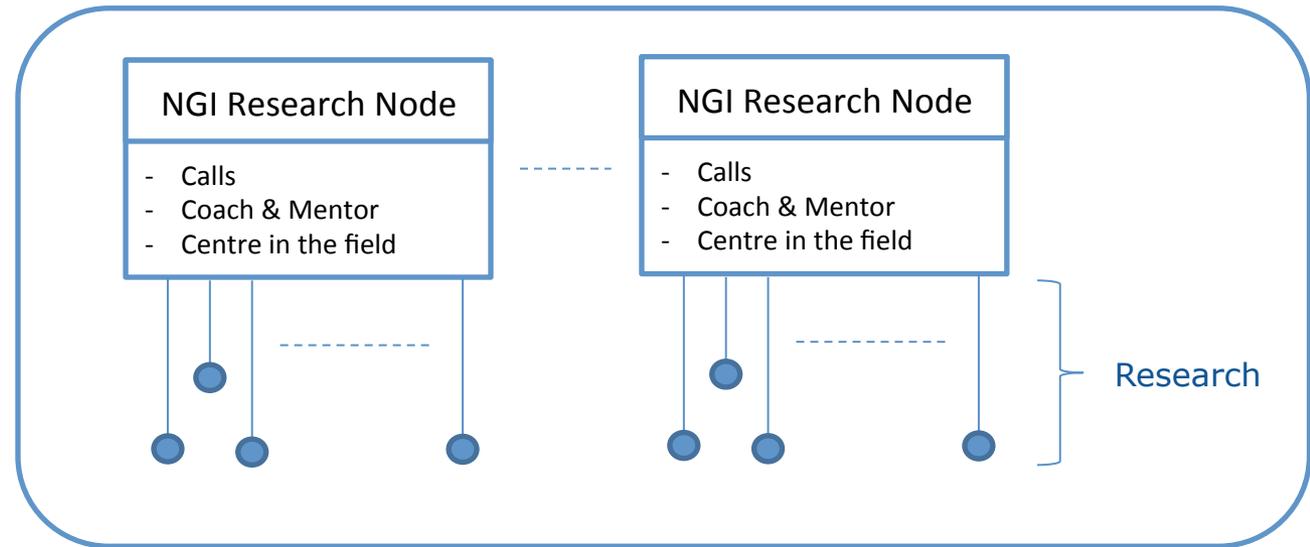
NGI "Agents"



Programma NGI

Commissione Europea

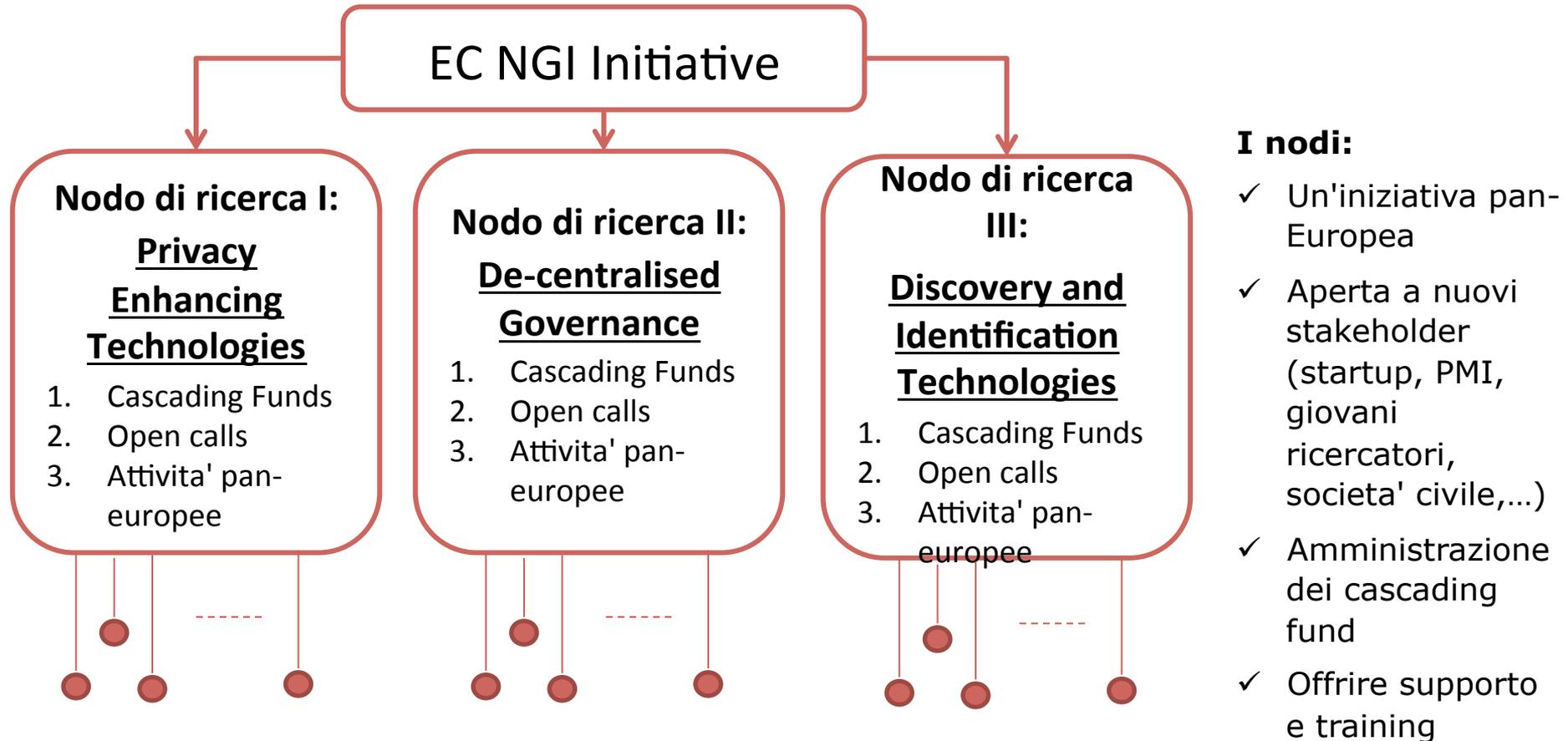
Strategy
& Policy



Outreach

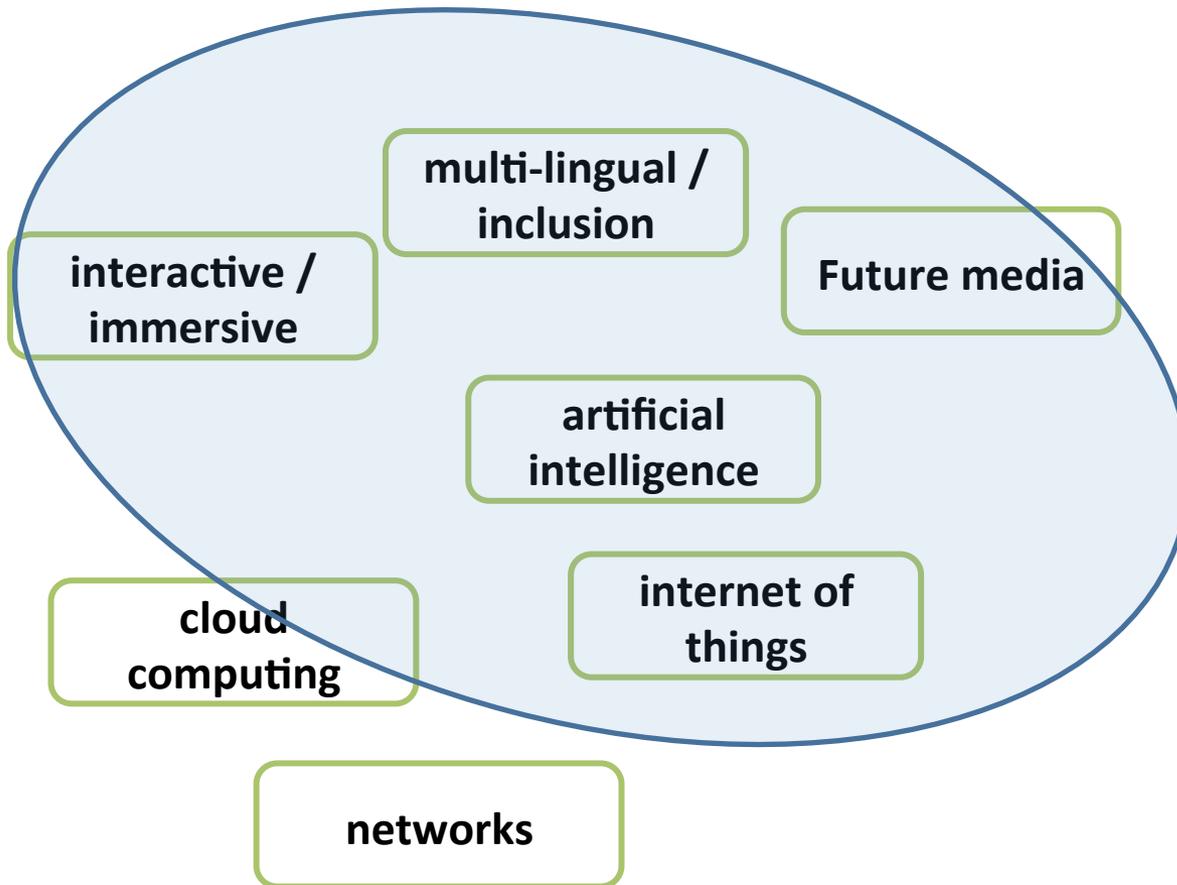
Harvester

Quali sono le principali aree di ricerca NGI?



... e nuovi nodi da lanciare nel 2019.

Il nuovo approccio dell'iniziativa NGI



- dinamica/ agile
- Possa adattarsi ad ogni area relativa ad internet
- Giovani ricercatori/ hi-tech startups
- Fondi per team individuali / organizzazioni
- cicli brevi di R&I
- Ricerca che possa spostarsi sul mercato
- Supporti una visione human-centric

Pensiamo in grande!

Primo:

Cambiare il corso dell'evoluzione di Internet attraverso **la ricerca e l'innovazione**

Secondo:

Aggiungere alla ricerca e all'innovazione la dimensione delle infrastrutture

Terzo:

Complementare gli interventi di investimento nelle tecnologie con una dimensione di policy

Futurium: la piattaforma NGI

<https://ec.europa.eu/futurium/en/next-generation-internet>

**Next Generation Internet**

[About](#) [Debate](#) [Documents](#) [Blogs](#) [Events](#) [Videos](#)

Consultation on Next Generation Internet

The consultation is now closed!
[Find the results here!](#)

Next Generation Internet initiative

For Roberto Viola, Director General DG CONNECT 'The Internet today is integral to almost every part of our existence'. It will be even more so in the future. But concerns on privacy or copyright are mounting and risks and limitation become more apparent. Private and public interests in the domain are huge, and may radically change the way Internet works in the future.

[Read more about the initiative](#)

What's New

DOCUMENT

[Policy Workshop Report Next Generation Internet - Centre for Science and Policy Cambridge Computer Laboratory](#)

The Centre for Science and Policy (CSaP) in collaboration with the Cambridge Computer Laboratory, organised a Policy Workshop in support of the European Commission's (EC) Next Generation...



Peter Fatelnig
© 12 April 2017

1

Upcoming Events

EVENT

Mon-Fri
29-02
May-Jun

TNC17 - The Art of Creative Networking, Linz, Austria, 29 May - 2 June 2017

EVENT

Tue-Wed
06-07
Jun

NEXT GENERATION INTERNET SUMMIT - Brussels - 6-7 June 2017

EVENT

Thu-Fri
15-16
Jun

Digital Assembly 2017: "Digital Europe: Investing in the Future", 15-16 June, Valletta, Malta

EVENT

Fri-Sat
23-24
Jun

ZEW Conference on the Economics of Information and Communication

La mappa interattiva NGI

www.hub4ngi.eu/map/

The image shows a screenshot of the NGI interactive map interface. On the left, there is a sidebar with a teal header containing 'Filter', 'Add', and 'NGI-Community'. Below the header is a teal button labeled 'Add a new Organisation'. The sidebar contains several form fields: 'NGI Organisation Name' with a text input, 'Type' with a dropdown menu (currently showing 'Institution'), 'Full Address' with four text inputs for 'Street Name and number', 'Street Name', 'Postcode', and 'City', and 'About Your Organisation' with two text inputs for 'Short & brief description' and 'Full title and other identifiers'. A large black 'X' is overlaid on the top left of the map area. The map itself shows a view of Europe with country names like France, Germany, Italy, Spain, Poland, Romania, and Turkey. A 'RESET' button is visible in the top right corner of the map. At the bottom of the map, there is a teal footer with copyright information and a logo.



**NEXT
GENERATION
INTERNET**