Finanziato dall'Unione europea NextGenerationEU
Ministero dell'Università e della Ricerca
Italiadomani PIANO NAZIONALE DI RIPRESA E RESILIENZA
RESTART

Dal laboratorio alla startup

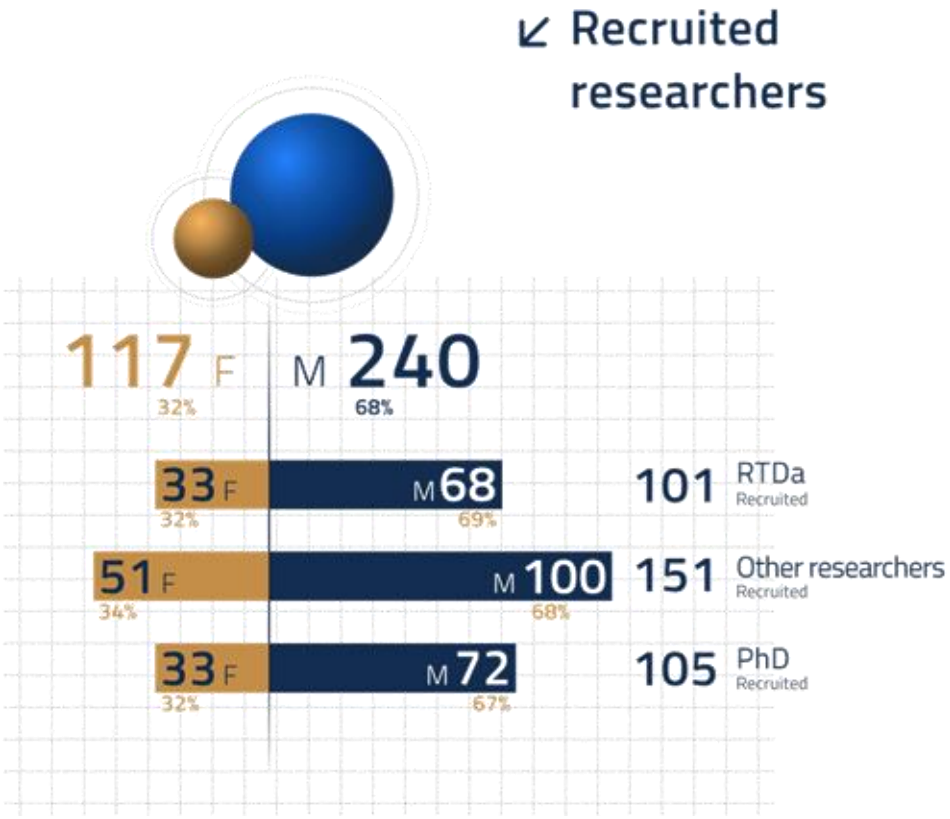
strategie ed esperienze di trasferimento tecnologico nelle reti e nei servizi digitali



RESTART program

116 Millions Euros Grant







Program Partners

135

27
Program Partners

109
Cascade Calls Partners

TOR VERGATA UNIVERSITÀ DEGLI STUDI DI ROMA
Consiglio Nazionale delle Ricerche
Politecnico di Bari
POLITECNICO MILANO 1863
Politecnico di Torino
Sant'Anna Scuola Universitaria Superiore Pisa
ALMA MATER STUDIORUM UNIVERSITÀ DI BOLOGNA
Università di Catania
UNIVERSITÀ DEGLI STUDI FIRENZE
FEDERICO II
UNIVERSITÀ DEGLI STUDI DI PADOVA
Università degli Studi Mediterranea di Reggio Calabria
SAPIENZA UNIVERSITÀ DI ROMA
cnit consorzio nazionale interuniversitario per le telecomunicazioni
FUB Fondazione Ugo Bordoni Ricerca e Innovazione
open fiber
TIM
vodafone
WINDTRE
ERICSSON
prysmian
Italtel
LEONARDO
TELESPAZIO una società LEONARDO e THALES
Hewlett Packard Enterprise
Tiesse
adant
applicon
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FASTWEB
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LOGO GRAMMA
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Meetecho
MUV
NEXTWORKS HEADING THE FUTURE
Revelis
SensorID Smart IoT Solutions
SKOPÍA ANTICIPATION SERVICES
Sma-RTy
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DISIM
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UNIVERSITÀ DEGLI STUDI DI CAGLIARI
Università degli Studi di Ferrara
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Università degli Studi di Messina
BICOCCA
UNIMORE UNIVERSITÀ DEGLI STUDI DI MODENA E REGGIO EMILIA
Università degli Studi di Napoli Parthenope
Università degli Studi di Palermo
UNIVERSITÀ DI PARMA
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UNIVERSITÀ DI PISA
UNIVERSITÀ DI TORINO
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UNIVERSITÀ DEGLI STUDI SUOR ORSOLA BENINCASA
UNIVERSITÀ DELLA CALABRIA
UNIVERSITÀ POLITECNICA DELLE MARCHE
xenia NETWORK SOLUTIONS

RESTART labs

Affiliated laboratories

PESCO	POLIFAB Politecnico di Milano, MI
ITA-NTN NET4FUTURE ARCADIA	PHOTONIC DEVICES LAB Politecnico di Milano, MI
6GWINET	S2N S2N National Laboratory, GE
RIGOLETTO HePIC	INPHOTEC CNR, PI



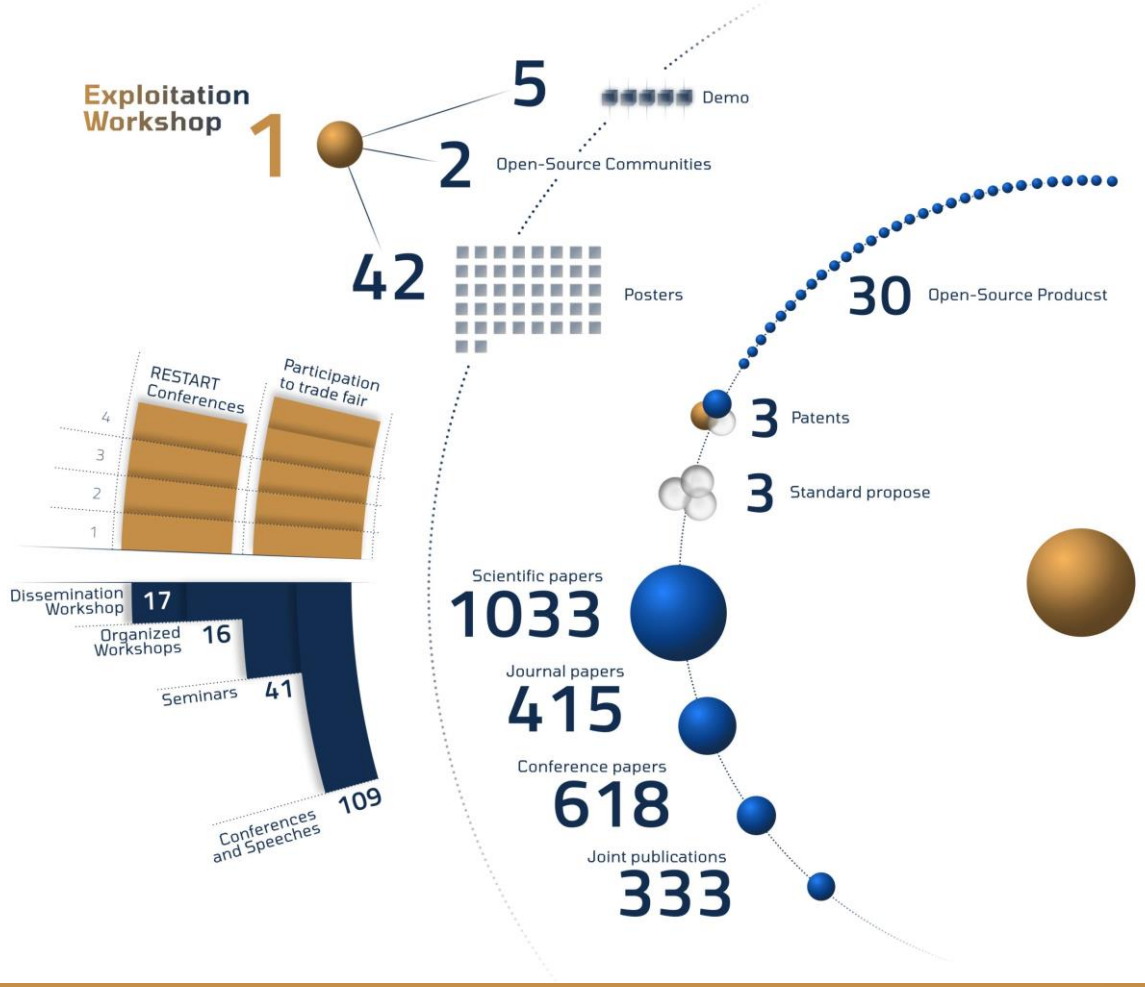
13 Laboratories As of today

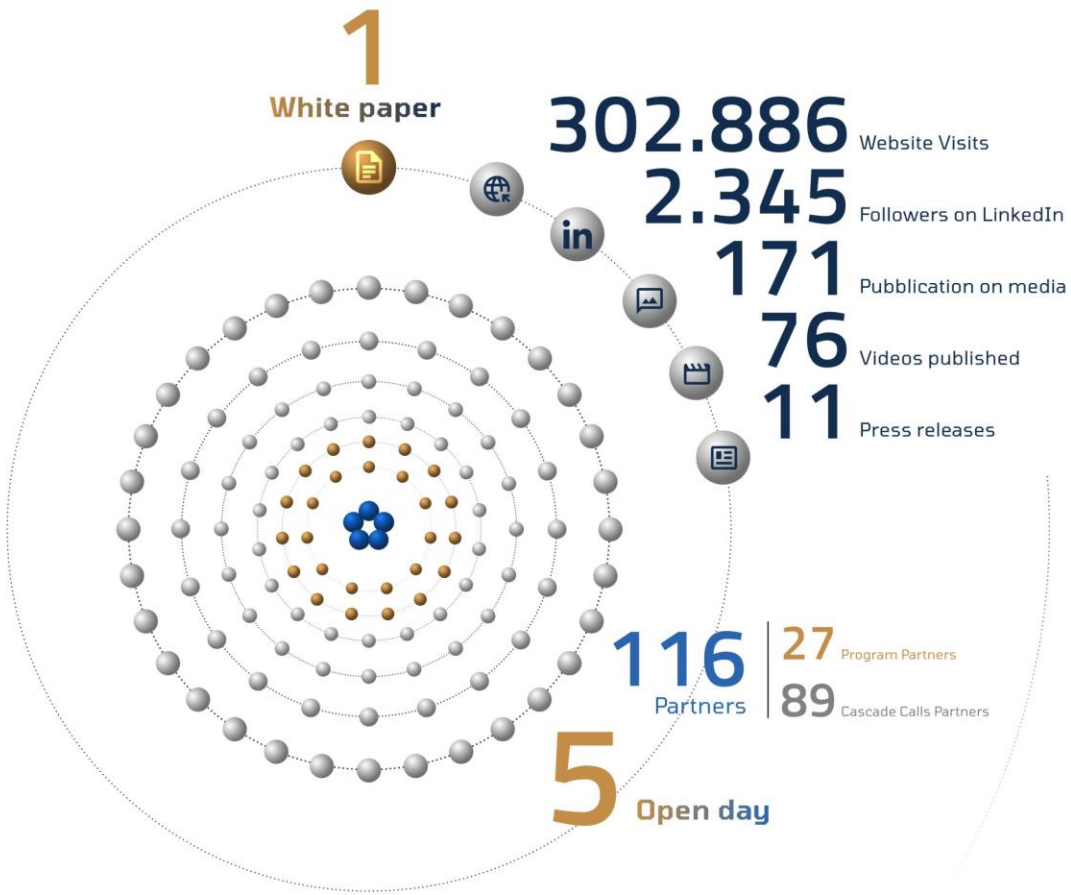
20 Projects Involved

RESTART Laboratories

PHOTONET Scuola Superiore Sant'Anna, PI	RIGOLETTO HePIC	SPOKE 1
SLICES CNIT, PI	PESCO	SPOKE 1
iNTN-NS Politecnico di Bari, BA	ITA-NTN NET4FUTURE ARCADIA	SPOKE 2
WISYNET Politecnico di Milano, MI	6GWINET	SPOKE 3
PROGNOSE Politecnico di Torino, TO	SUPER FUN-MEDIA LEGGERO	SPOKE 4
IDTN Università di Bologna, BO	RIGOLETTO IN MOSS MoVeOver	SPOKE 5
MC2 Università di Catania, CT	COHERENT AQUASMART	SPOKE 6
FABRISS Università di Napoli Federico II, NA	SRE ISACAGE	SPOKE 7
ARTEN Università di Roma Tor Vergata, RO	NETWIN MOSS WITS ARCADIA LIASON	SPOKE 8

RESTART KPIs





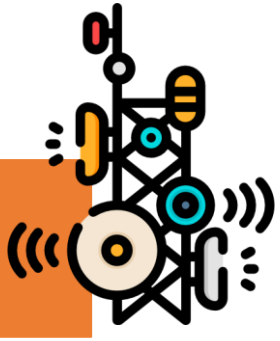
Research projects

32

Vision of telecommunications evolution



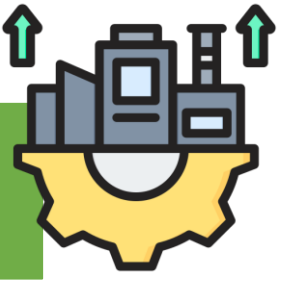
Technologies



System approaches



Application domains



Missions


2
Laboratories, Proofs of Concept and Demonstrators
3
Innovation and Technology Transfer
4
Support to Start-ups and Spin-offs
1
Research
Telecommunications of the Future
5
Education and Training Activities
6
PhD Programs
PhD
7
Communication, Standardization and Open Source Solutions

Mission 4: Support to start-up and spin-off

Foster the development of an open innovation approach for the Restart program, through the engagement of stakeholders like innovative start-up and spin-off

Education & Culture
Cultural and educational tools for start-ups and spin-offs

Research Calls
Program-specific calls for start-up creation research

Proof-of-Concept
Support for developing proof-of-concepts from initial ideas

RESTART Start-up programme



Direct investment to sustain innovative start-ups and spin-offs research activities within the program



80+ start-ups and spin-offs involved in the RESTART Programme



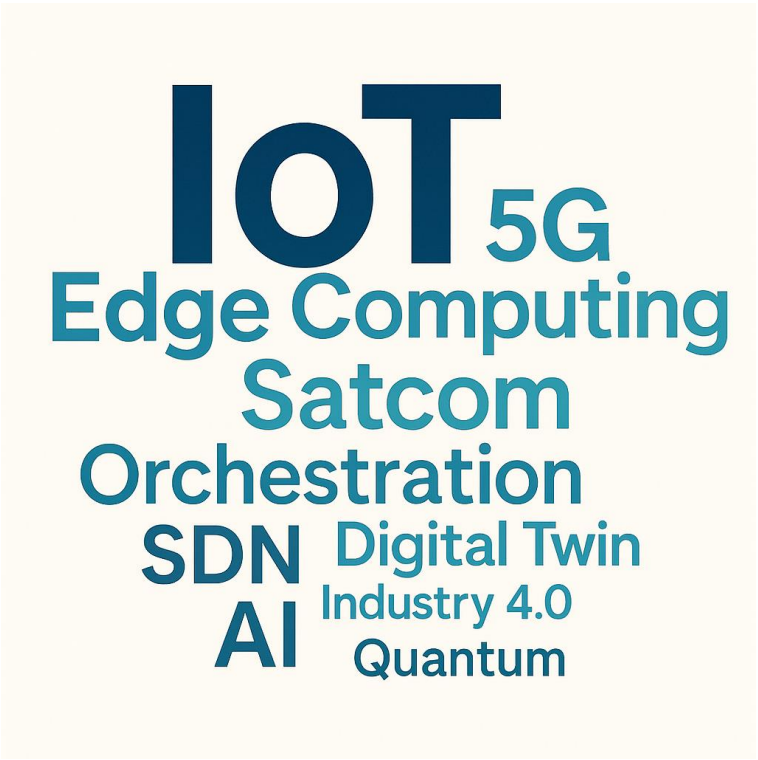
6 start-ups created within the Programme activity



Access to external financing, grants for funded projects, new customers' acquisition

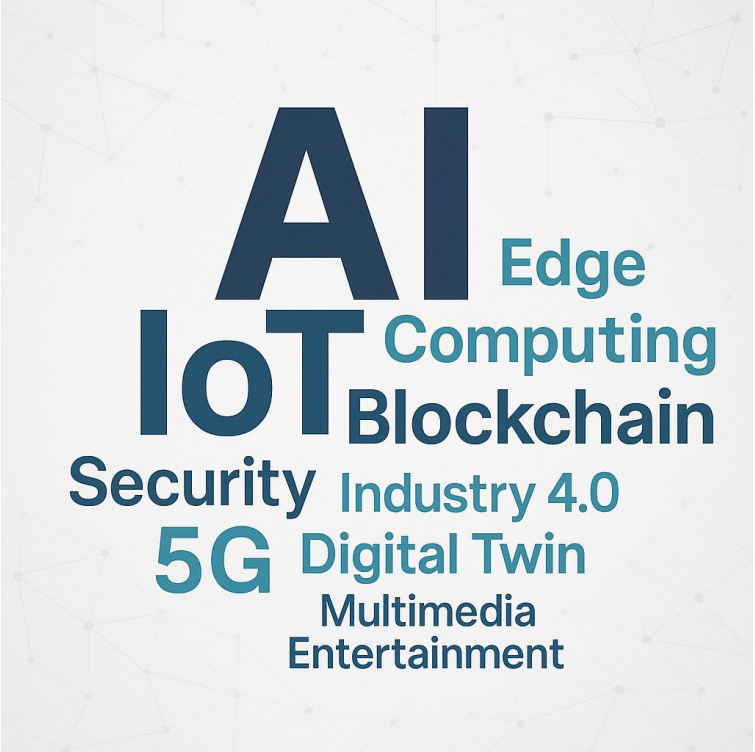
Funded research for start-up and spin-off in a nutshell

- 20+ research projects (14 with just start-up/spin-off)
- Focus on TLC, with main technology trends covered
- PoC development, TRL increase and patents



RESTART Acceleration/Mentorship programs

- 30+ teams attending the programs
- Focus on AI-enabled IoT/industry 4.0 and data security
- Start-up creation, scale-up, access to fundings



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Spicy Società per l'Innovazione la Cooperazione e l'Internazionalizzazione

FABBRICA ITALIANA DELL' INNOVAZIONE l'incubatore green & blue

RESTART Training/Educational programs

20+ teams attending the programs

Focus on entrepreneurship and business development

Enhanced with soft skills coaching



zest Future. Faster.

Officine Innovazione Deloitte.

ALMACUBE

Finanziato dall'Unione europea NextGenerationEU

Ministero dell'Università e della Ricerca

Italiadomani

RESTART

PIANO NAZIONALE DI RIPRESA E RESILIENZA

RESTART Startup Contest

AI for networks and data management

~20 teams participating

15 teams awarded

6-10K€ to sustain their projects' growth



RESTART Startups @ Digital Innovation Forum

Subseapulse (Filippo Campagnaro)

Realynx (Daniele Leonzio)

Spark (Massimiliano Mattioli)

Synphonya (Rocco D'Ingillo)


RESTART