

Next Generation EU: a statistical perspective

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DIPARTIMENTO DI METODI E MODELLI
PER L'ECONOMIA IL TERRITORIO E LA FINANZA
MEMOTEF



SAPIENZA
UNIVERSITÀ DI ROMA

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Next Generation EU: preliminaries

Next Generation EU is the EU's €800 billion (current prices) temporary recovery instrument to support the economic recovery from the coronavirus pandemic and build a **greener**, more **digital** and more **resilient** future.

It is rooted around six pillars:

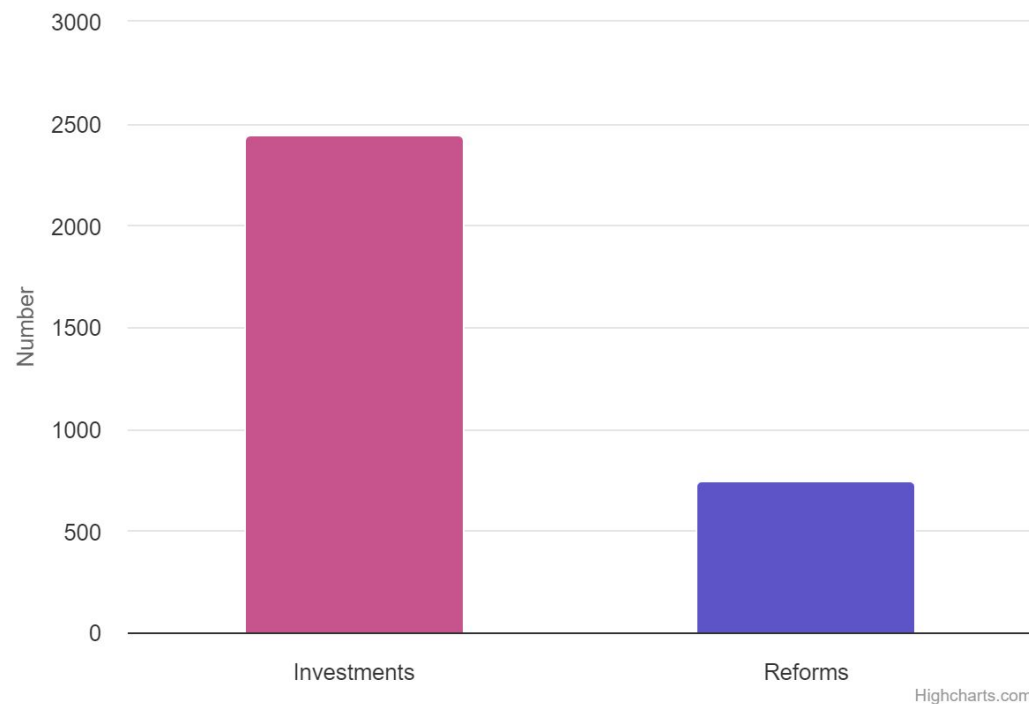
- Boost the **green transition** through the promotion of renewable energies, sustainable mobility and more
- Accelerate **digital transformation** through greater digitisation of public services and the wider economy
- Reinforce **social infrastructure and services**, while reducing territorial disparities
- Enhancing access to **advanced education** and training in skills relevant to the future economy
- Support **inclusive growth, research and development**, and **innovation** for all
- Ensure modern, **efficient and accessible healthcare services**.

Pillar 1: make it green

- Europe is on track to become the first climate-neutral continent by 2050 – we will produce no more greenhouse gases than our ecosystems can naturally absorb. With Next Generation EU, we will **invest in environmentally-friendly technologies**, roll out **greener vehicles and public transport**, and make our **buildings** and public spaces more **energy efficient**.
- But we also need to protect our natural environment. We will:
 - improve water quality in our rivers and seas, reduce waste and plastic litter, plant billions of trees and bring back the bees
 - create green spaces in our cities and increase the use of renewable energy
 - make farming more environmentally-friendly so our food is healthier.

Pillar 1 (make it green): where are we?

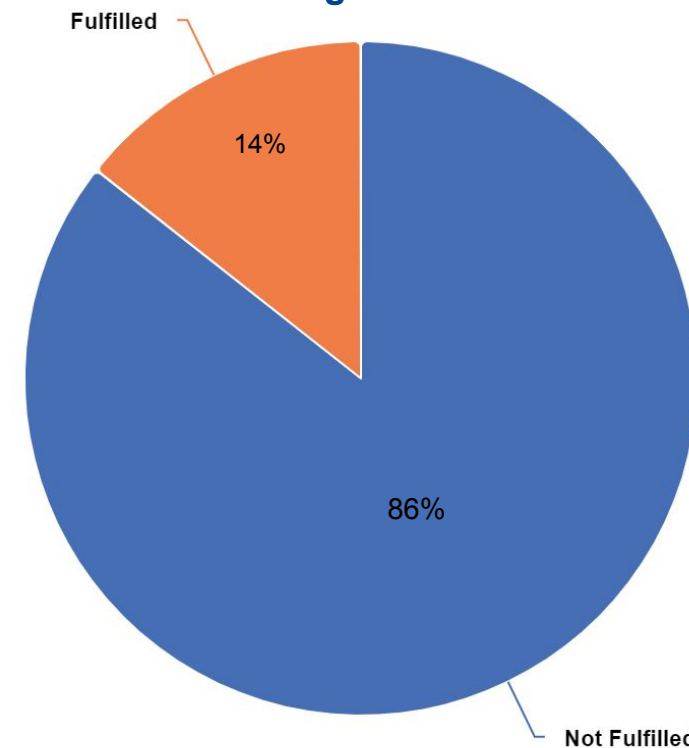
Milestones and targets per type of measure



All countries

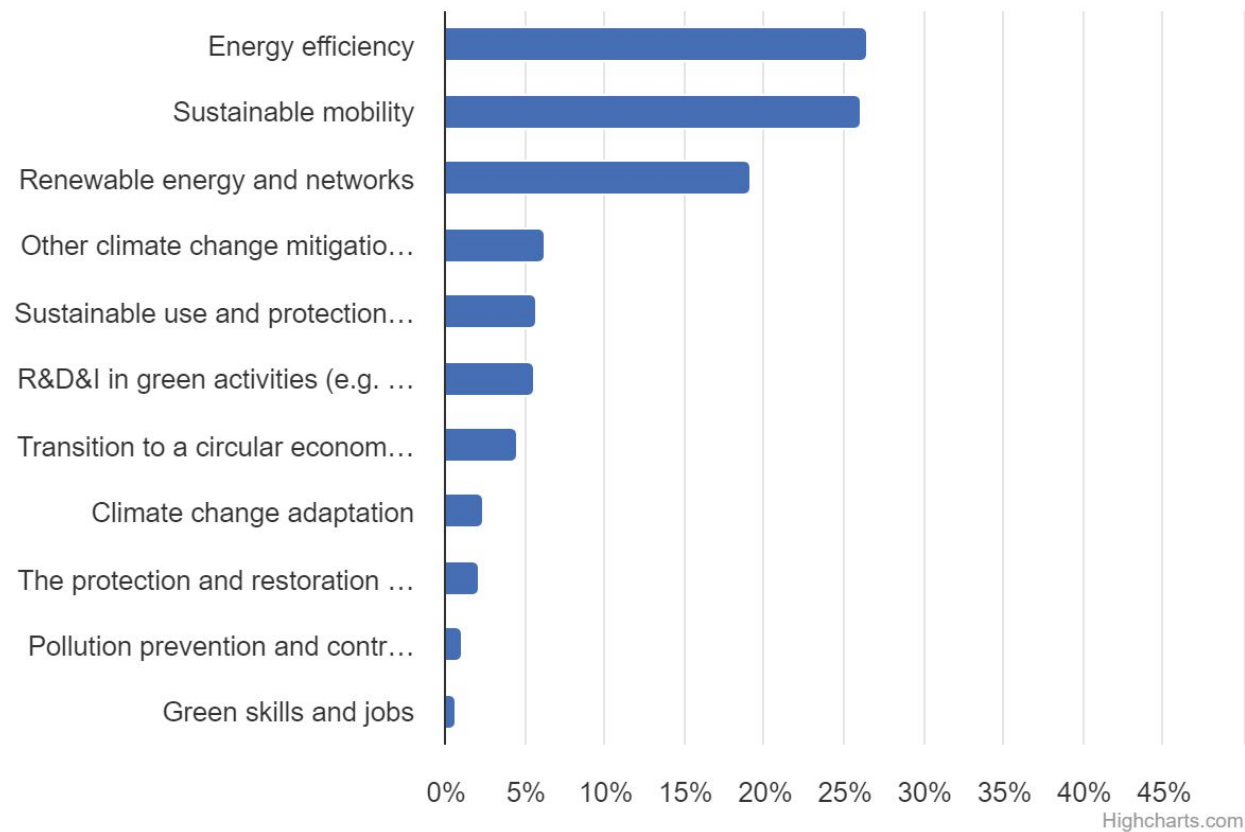
Source: https://ec.europa.eu/economy_finance/recovery-and-resilience-scoreboard/milestones_and_targets.html?lang=en

Milestones and targets fulfilment status



A milestone or target is fulfilled once a Member State has provided the evidence to the Commission by submitting a payment request (maximum twice a year) that it has completed the milestone or target in a satisfactory manner and the Commission has assessed it positively in an implementing decision.

Pillar 1(make it green): expenditures by policy areas



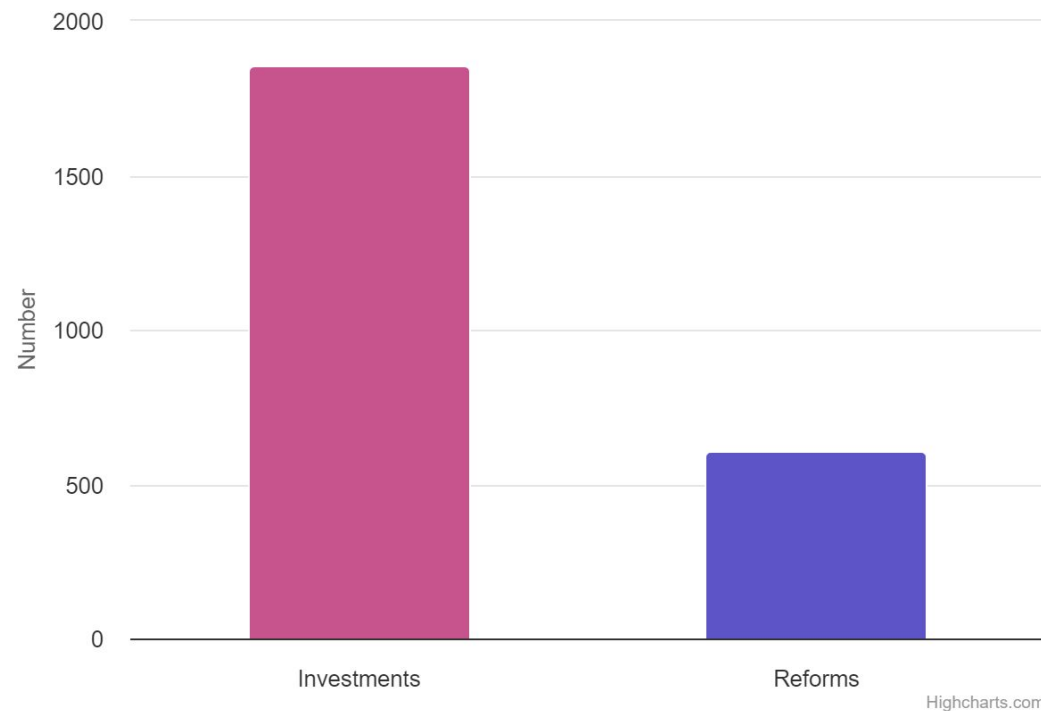
Pillar 2: make it digital

- The RRF supports reforms and investments aiming to promote the roll-out of **very high capacity networks**, the **digitalisation of public services and government processes**, the **digitalisation of businesses**, in particular SMEs, the **development of basic and advanced digital skills** as well as measures supporting digital-related R&D and the deployment of advanced technologies.

Beyond a general requirement to contribute to the digital transformation pillar, each Member State **must dedicate at least 20%** of its recovery and resilience plan's total allocation to measures contributing to the digital transition or to addressing the challenges resulting from it.

Pillar 2 (make it digital): where are we

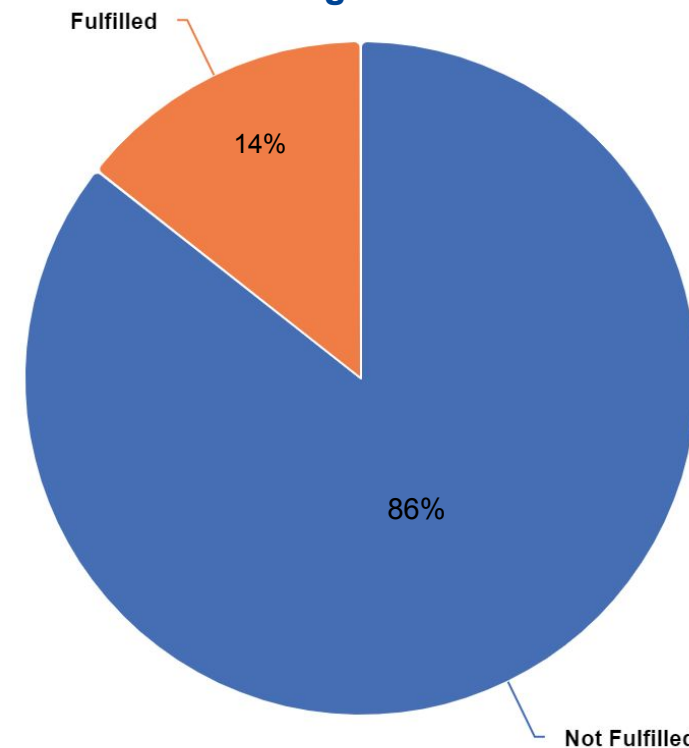
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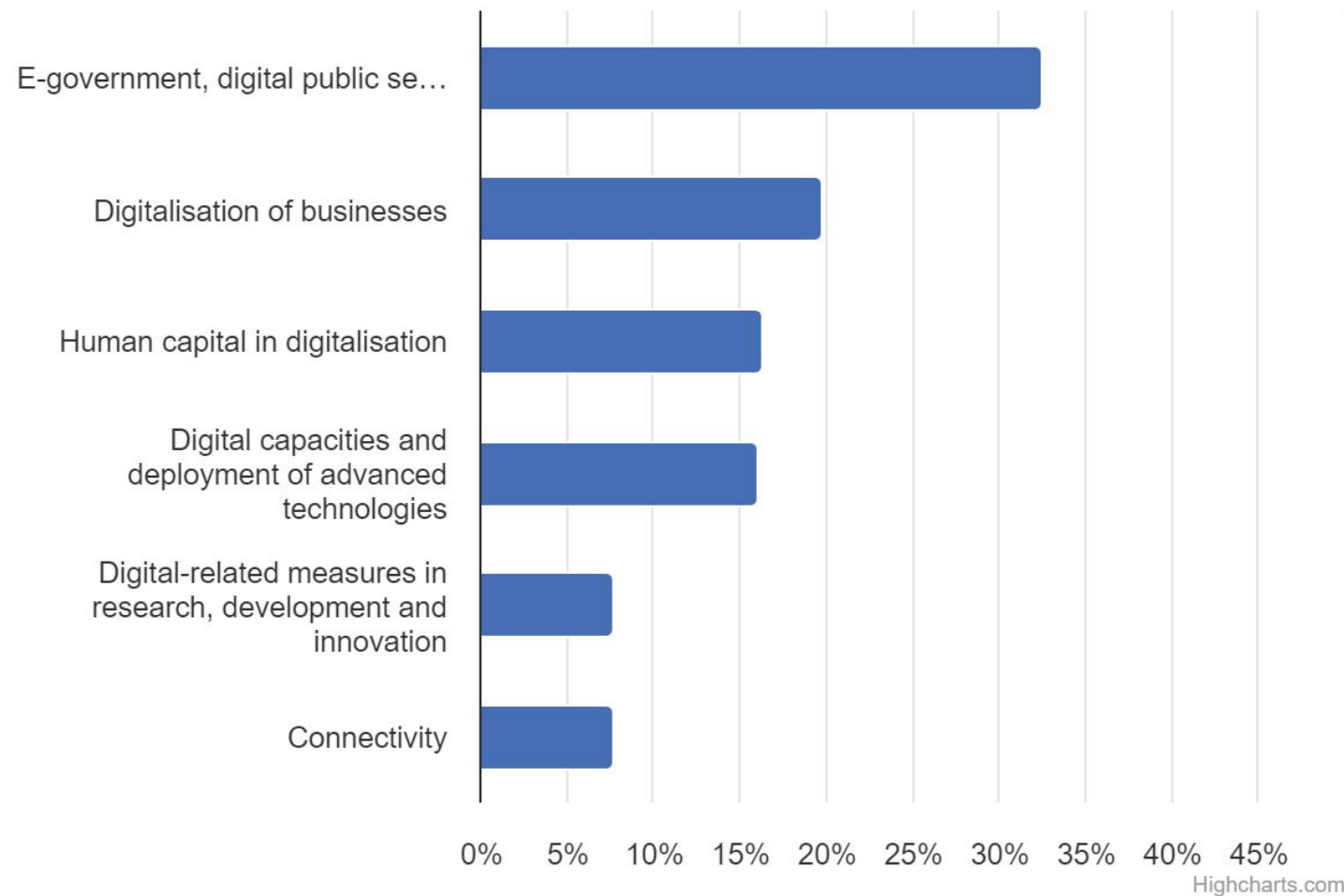
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Highcharts.com

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Pillar 2 (make it digital): expenditures by policy areas

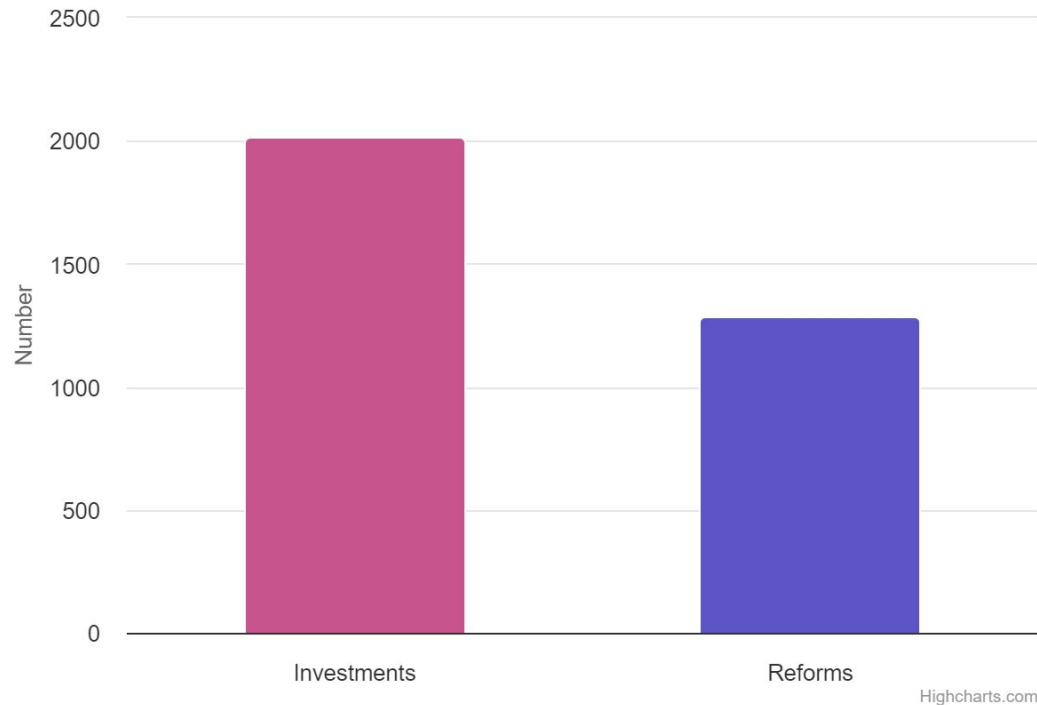


Pillar 3: Smart, sustainable and inclusive growth

- Member States will use RRF funds to implement ambitious reforms and investments to make their economies more resilient and competitive and enable a sustainable recovery. The RRF supports measures to promote smart, sustainable and inclusive growth, entrepreneurship, competitiveness, industrialisation and reindustrialisation, renovate buildings, improve the business environment, foster research, development and innovation, and support SMEs.

Pillar 3: (Smart, sustainable and inclusive growth) where are we

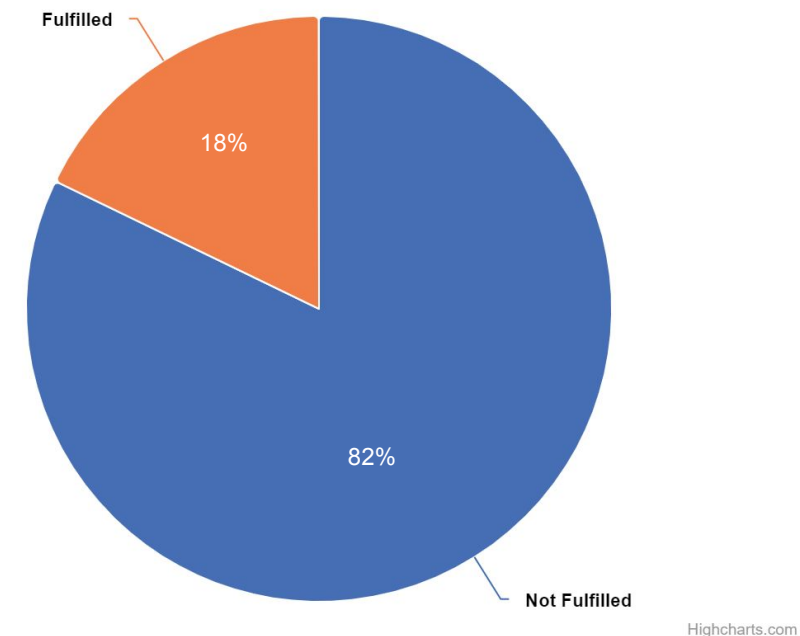
Milestones and targets per type of measure



All countries

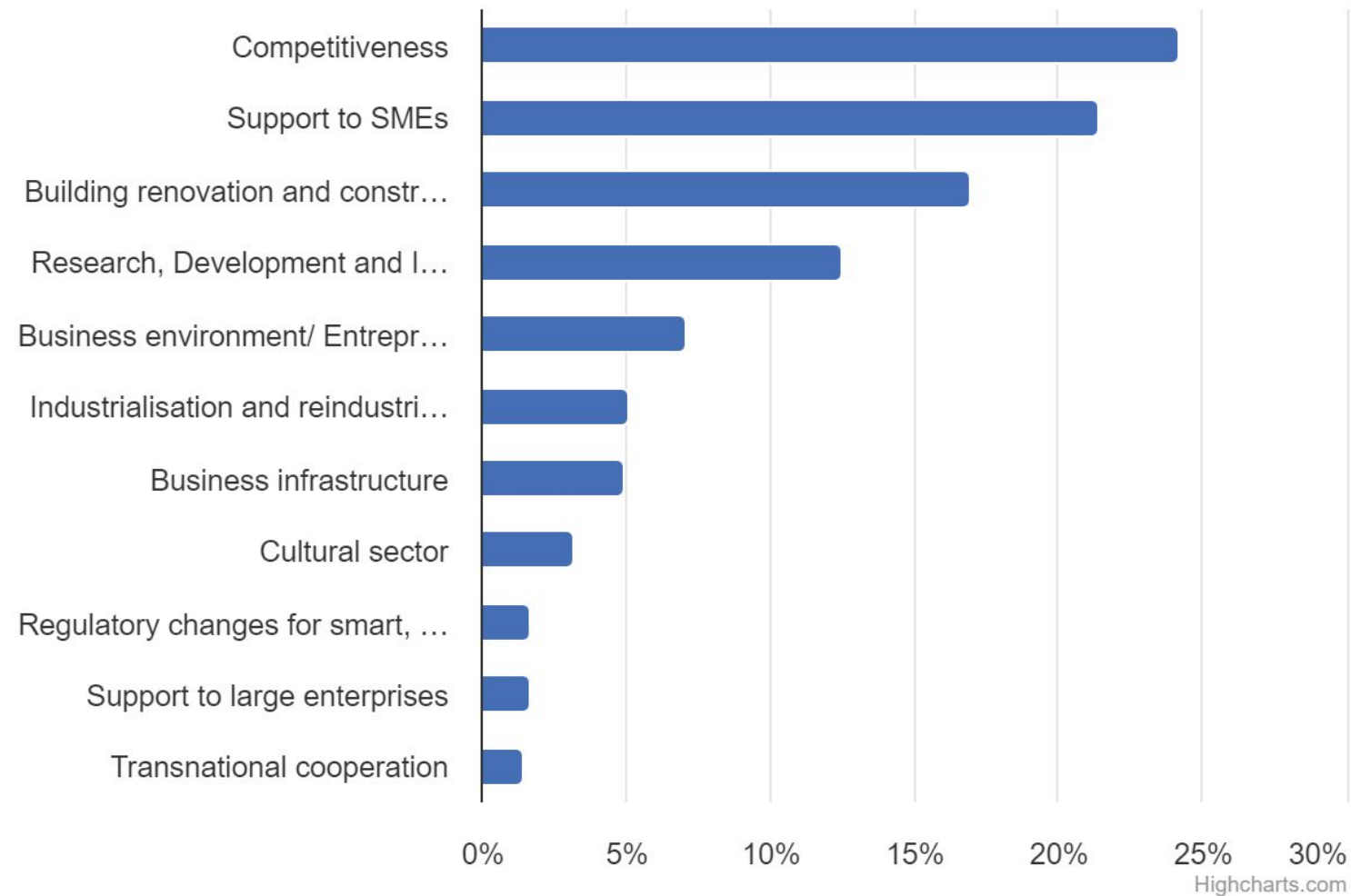
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Pillar 3 (Smart, sustainable and inclusive growth): expenditures by policy areas

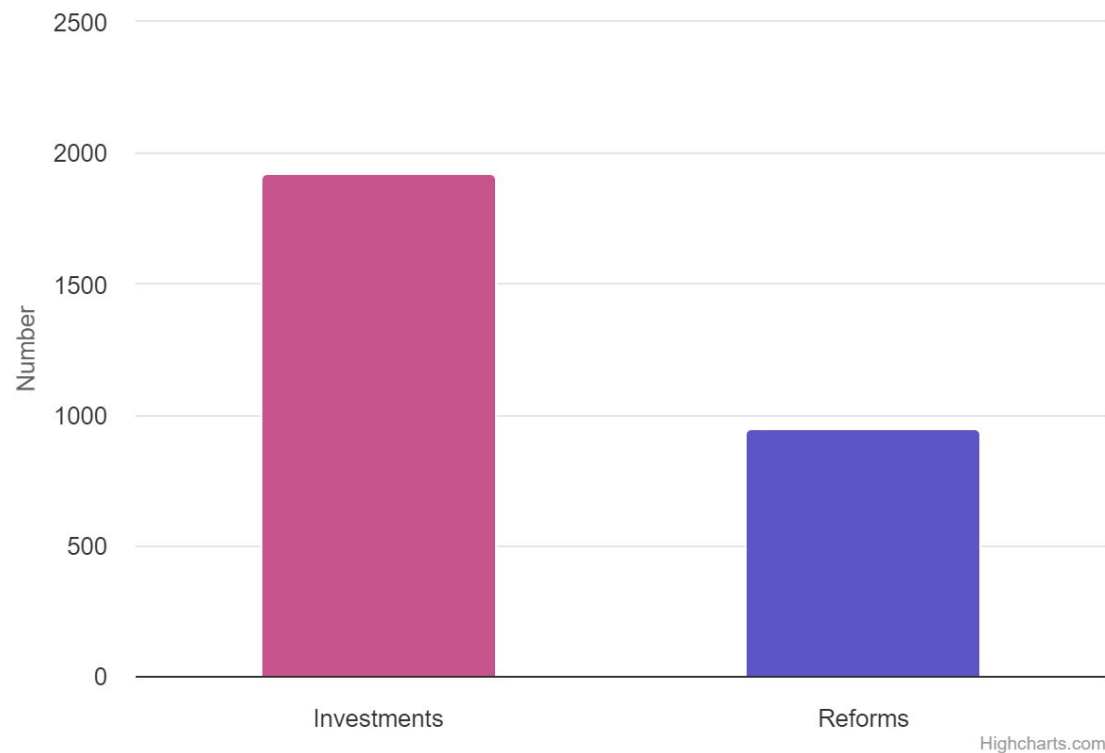


Pillar 4: social & territorial cohesion

One of the key objectives of the RRF is to promote social and territorial cohesion and to mitigate the social impact of the crisis. This should also contribute to fighting poverty and tackling unemployment, enabling Member States to rebound while leaving nobody behind. The reforms and investments supported by the RRF should contribute to improving **social and territorial infrastructure and services**, including social protection and welfare systems, the inclusion of disadvantaged groups, support employment and skills development, and lead to the creation of high-quality and stable jobs.

Pillar 4: (social & territorial cohesion), where are we

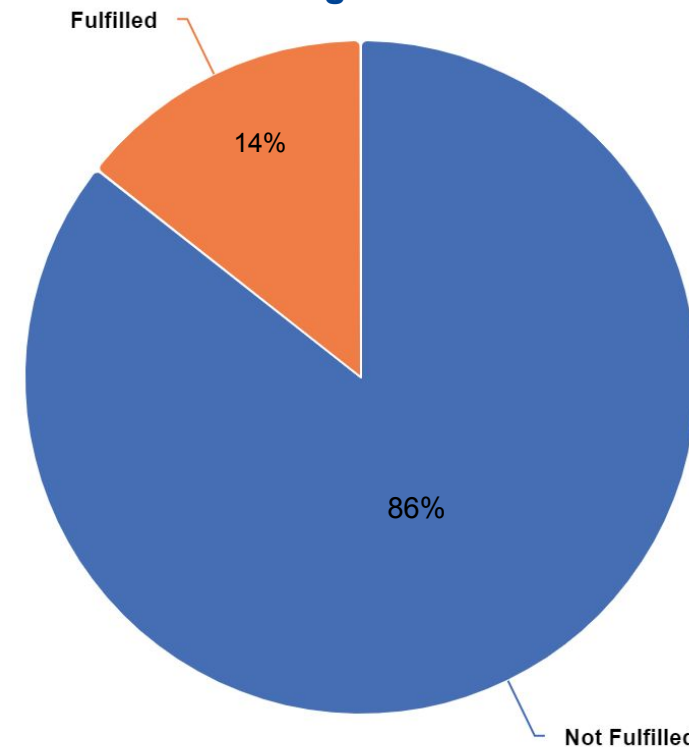
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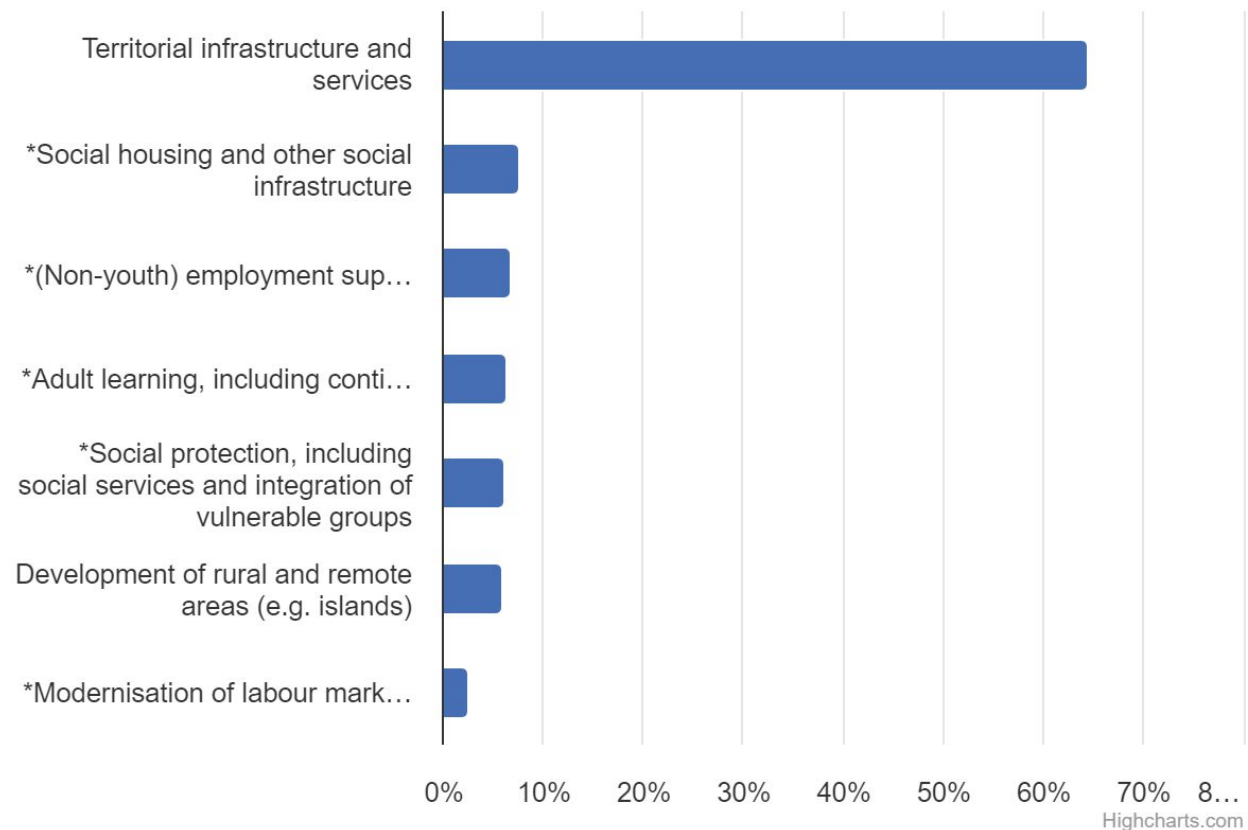
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Pillar 4 (social & territorial cohesion): expenditures by policy areas



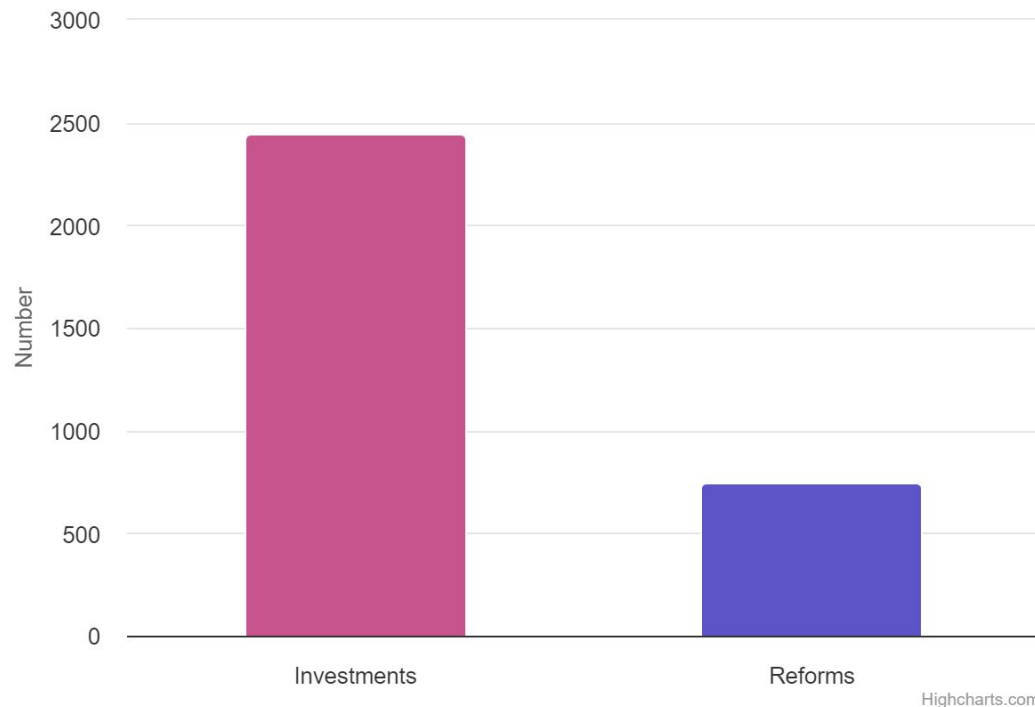
Pillar 5: Health, and economic, social and institutional resilience

The COVID-19 crisis has highlighted the importance of reforms and investments in health. It will also be crucial to invest in economic, social and institutional resilience to increase crisis preparedness and response capacity.

Member States have included in their plans reforms and investments to improve the resilience, **accessibility and quality of health and long-term care**, including measures to advance their digitalisation, and to increase the effectiveness of public administration and judicial systems.

Pillar 5: (Health, and economic, social and institutional resilience) where are we

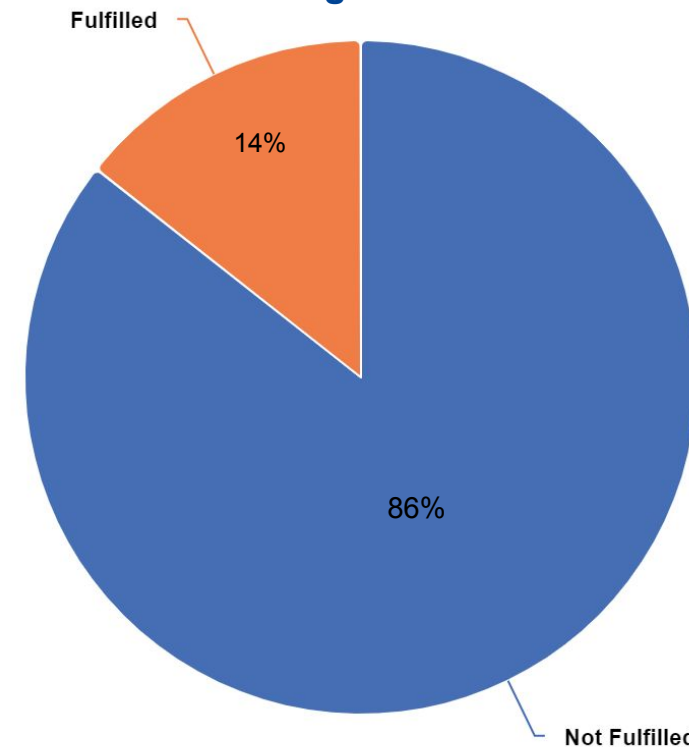
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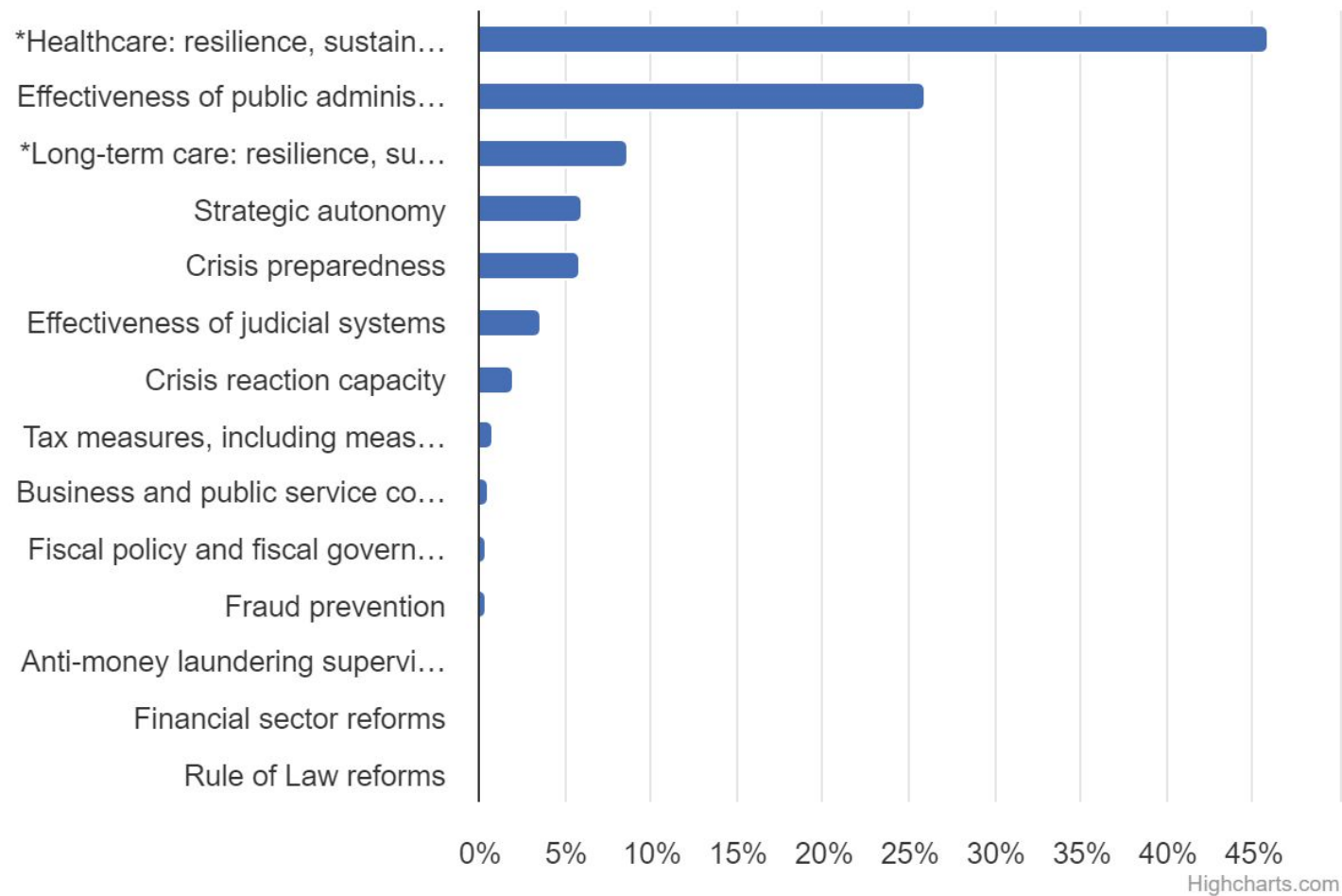
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Pillar 5 (Health, and economic, social and institutional resilience): expenditures by policy areas

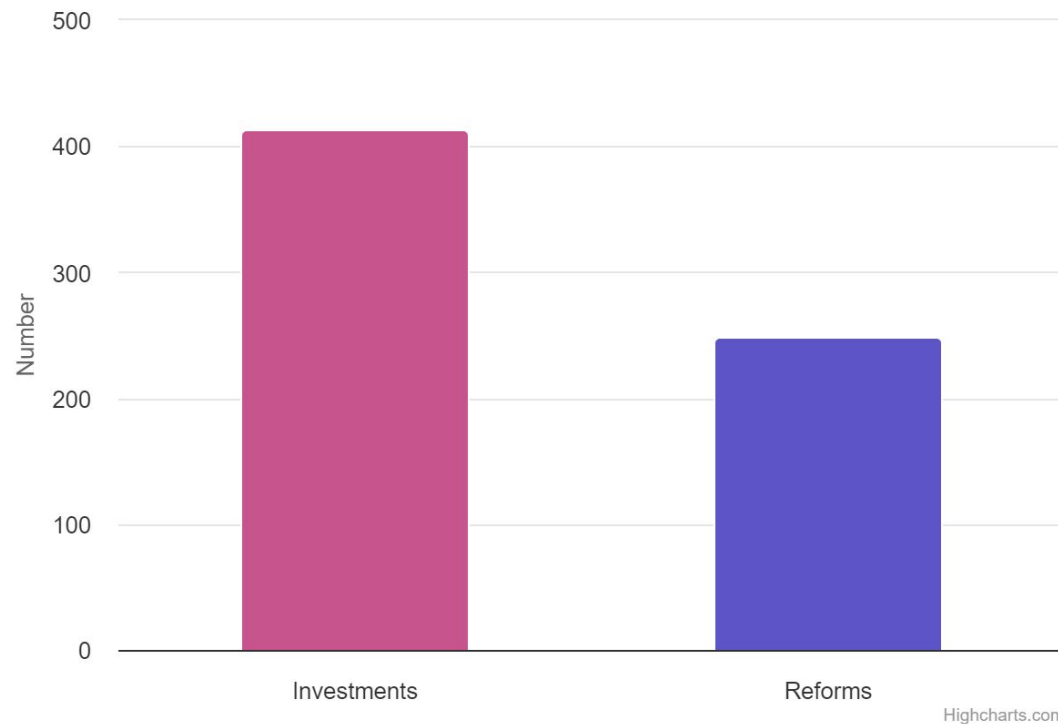


Pillar 6: Policies for the next generation

The RRF supports reforms and investments aimed at improving access to general, vocational, and higher education, as well as its quality and inclusiveness, focusing on **digital education, early childhood education and care, and youth employment support.**

Pillar 6 (Policies for the next generation): where are we

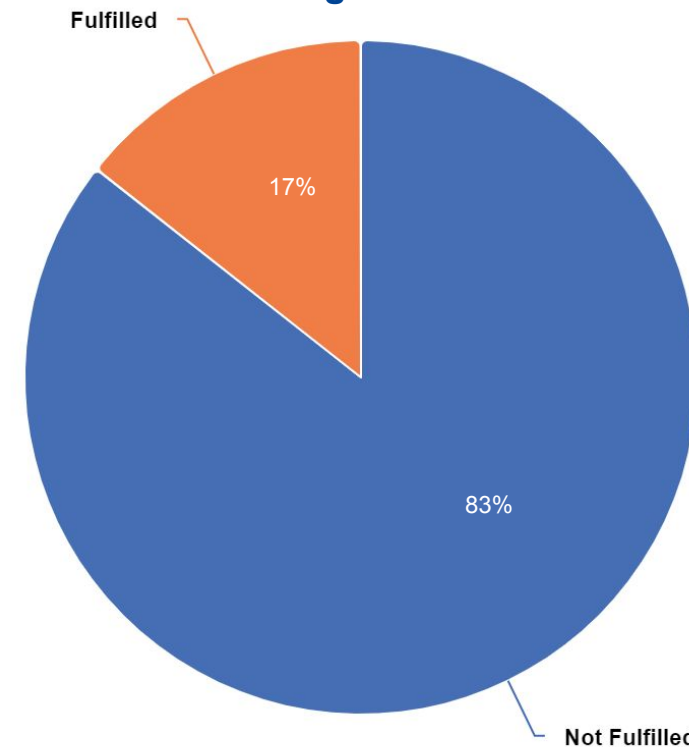
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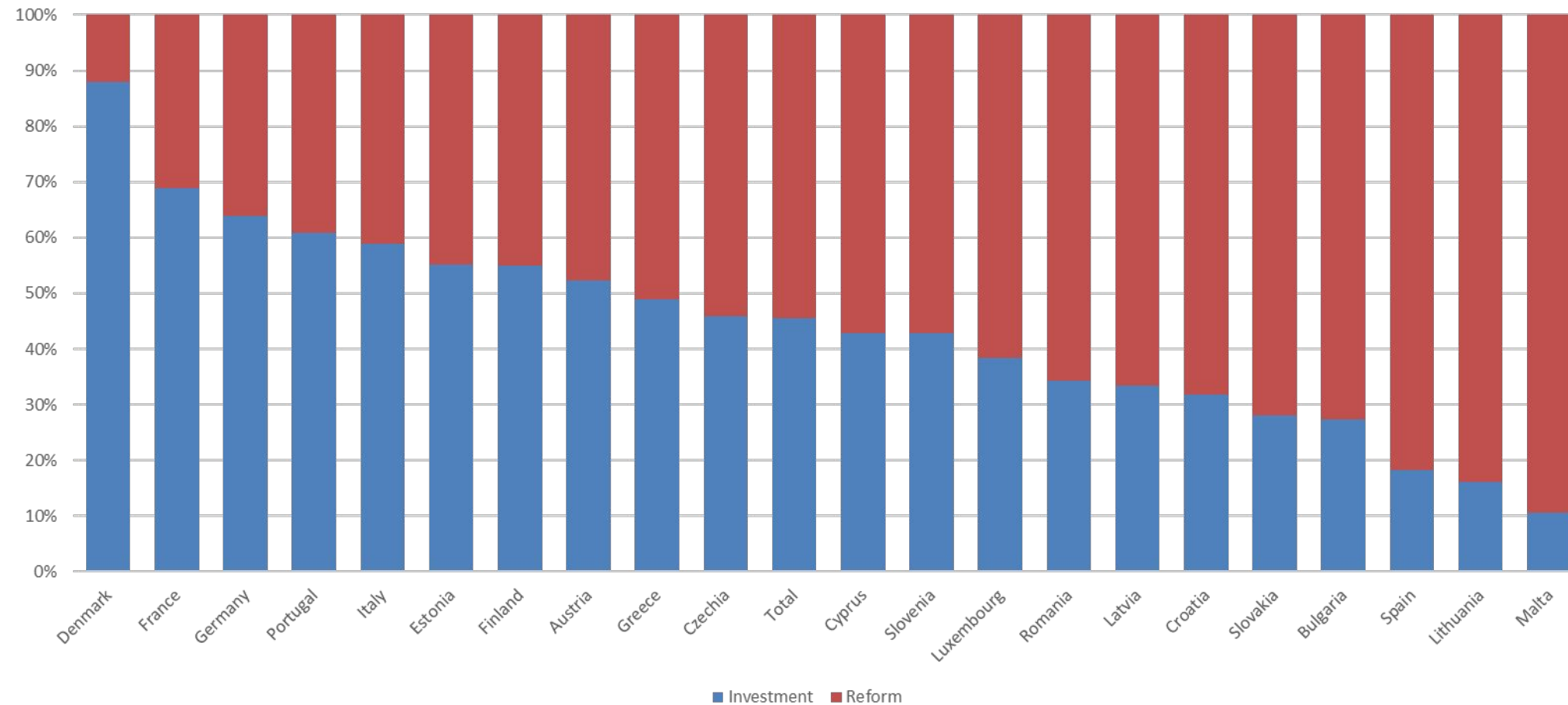
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A zoom on countries and on Italy

An overview of the actions (investment/reform) by country

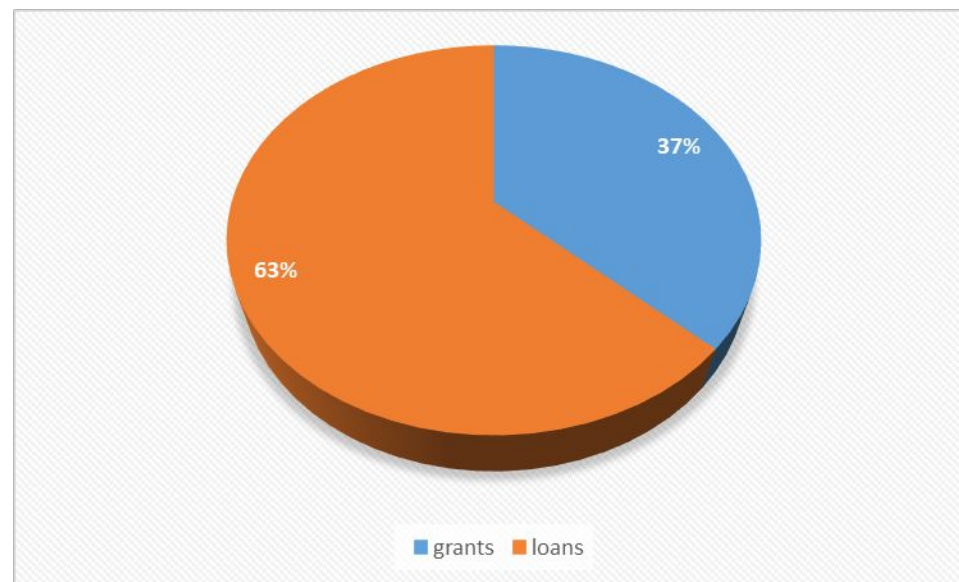


Composition of expenditures by countries

Country	Grants allocated (billions)	Loans allocated (billions)	Total grants and loans	GDP (billions)
Germany	28.02 €	- €	28.02 €	4,121.60 €
France	40.27 €	- €	40.27 €	2,803.16 €
Italy	71.78 €	122.60 €	194.38 €	2,085.38 €
Spain	79.85 €	83.16 €	163.01 €	1,462.07 €
Netherlands	5.44 €	- €	5.44 €	1,032.84 €

A focus on Italy

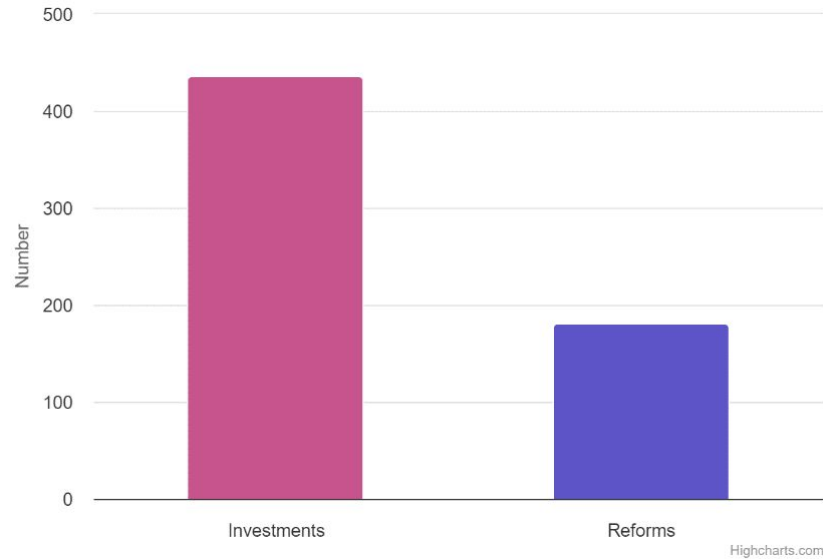
Italy allocated almost € 195 billions of funds (roughly 10% of its GDP) divided in:



Source: https://ec.europa.eu/economy_finance/recovery-and-resilience-scoreboard/country_overview.html?lang=en

Where are we

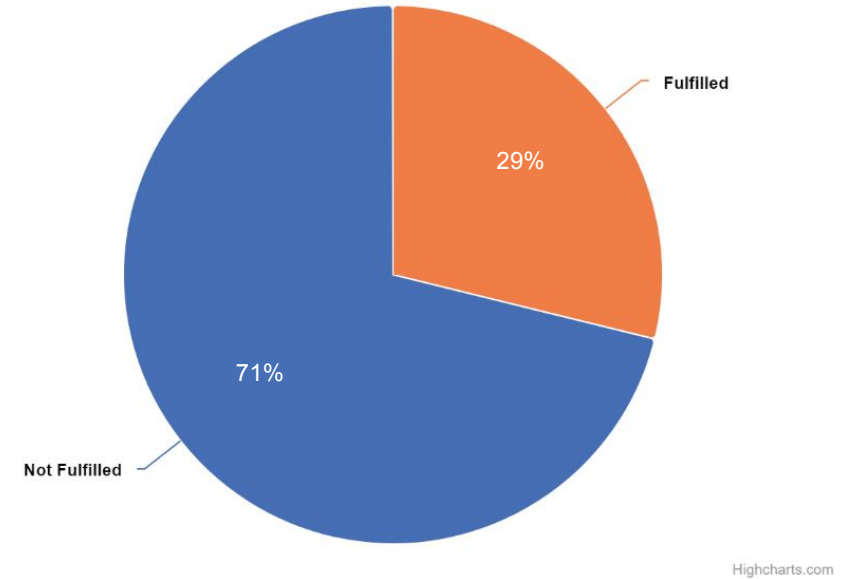
Milestones and targets per type of measure



This graph displays the overall number of milestones and targets, divided between reforms and investments

Source: https://ec.europa.eu/economy_finance/recovery-and-resilience-scoreboard/country_overview.html?lang=en

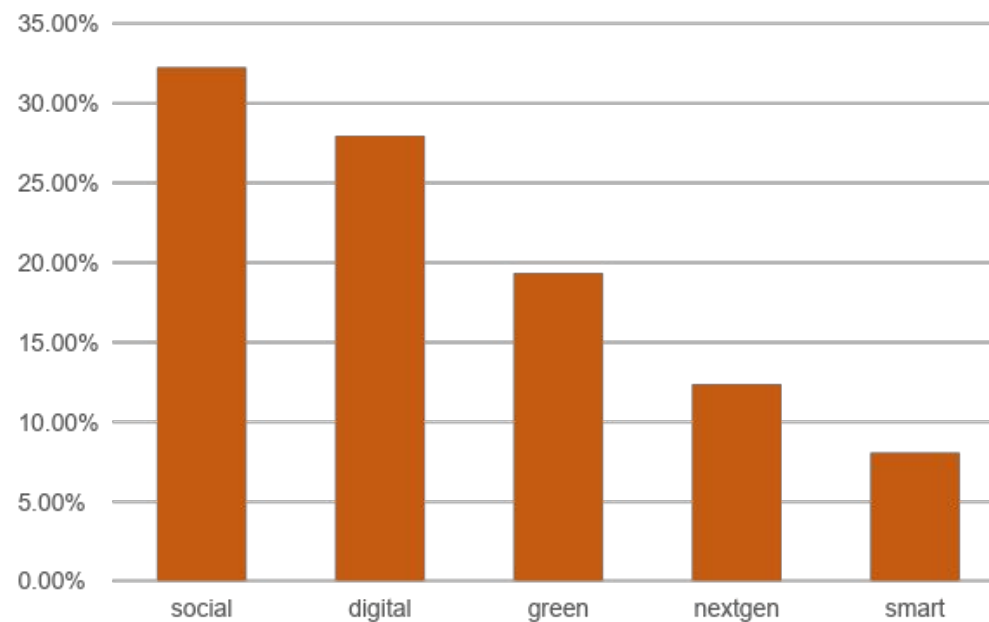
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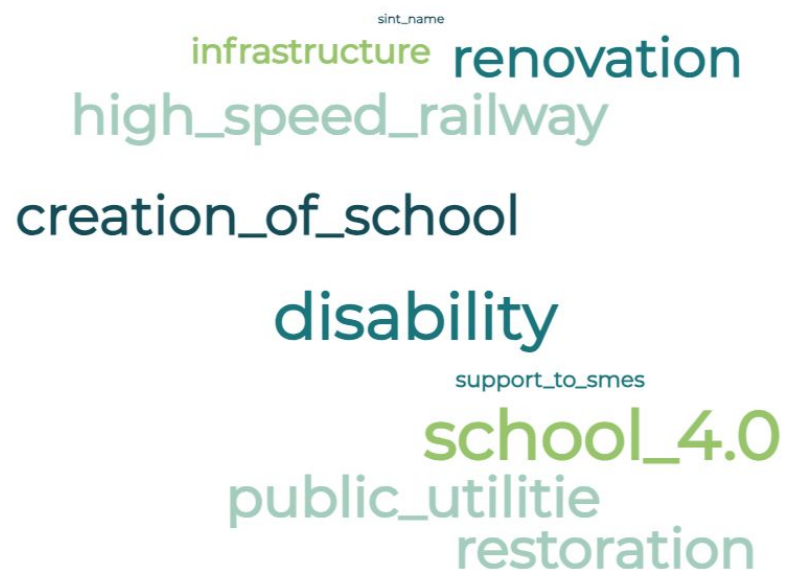
Funded projects per pillar

Distribution of the funded projects per pillar



Source: https://next-generation-eu.europa.eu/recovery-and-resilience-facility_en

Typologies of funded projects



Typology of funded project	%
School_4.0	28.5%
Autonomy_patterns_for_people_with-disabilities	21.5%
Restoration/regeneration_buildings/public_utilities	11.8%
High-speed_railway	10.8%
Renovation/creation_of_school	10.8%
Other	16.7%

Source: https://next-generation-eu.europa.eu/recovery-and-resilience-facility_en

Thank you for the attention