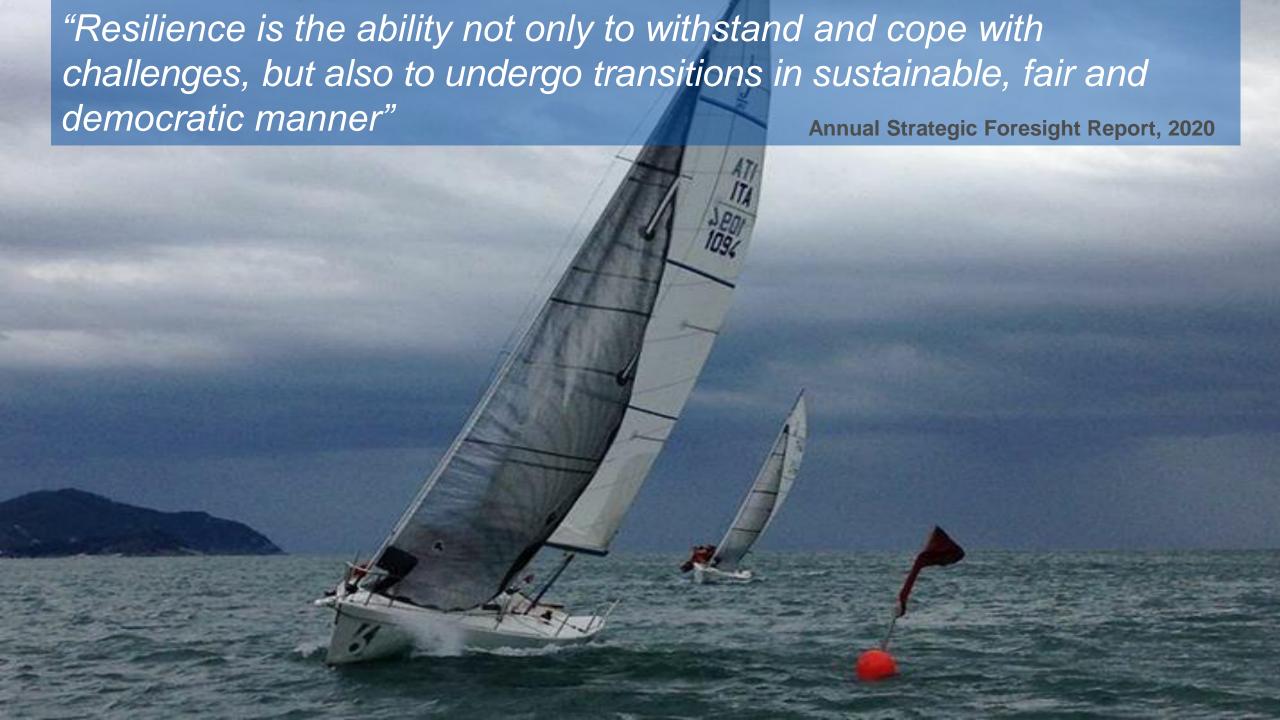


Resilience as a compass for navigating the green transition



Slavica Zec, PhD DG Joint Research Center B1 - Finance and Economy

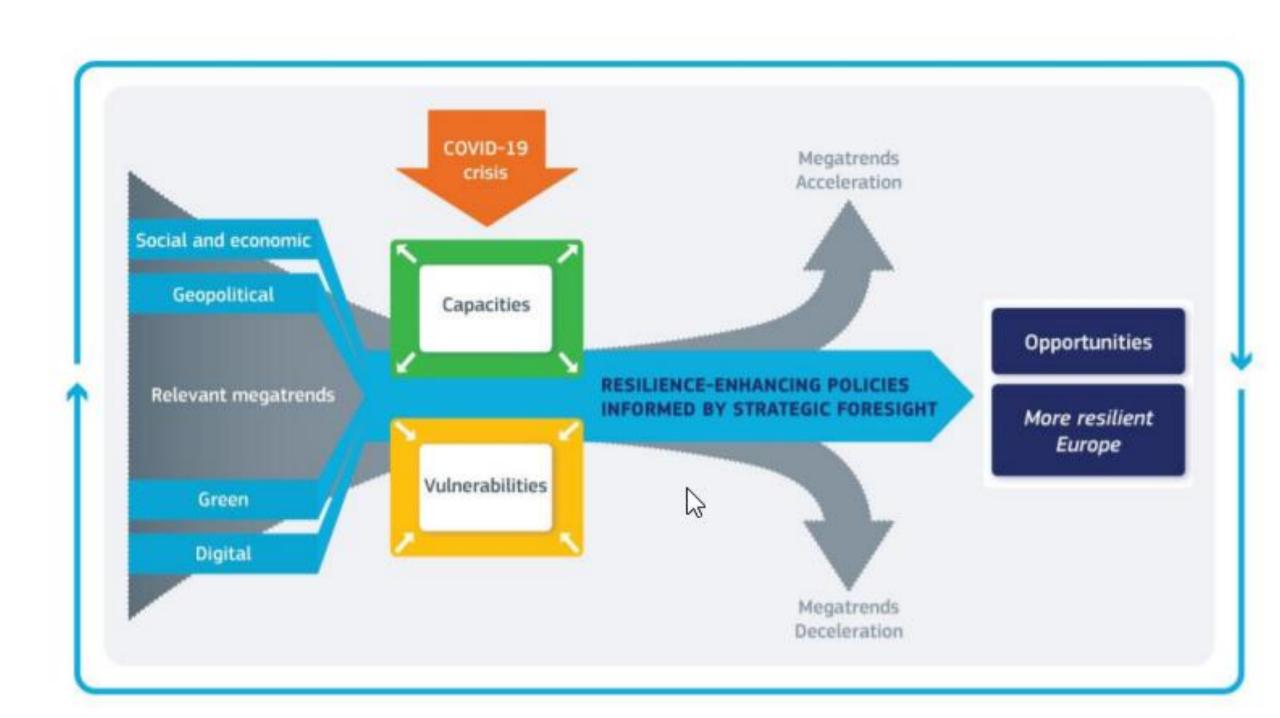


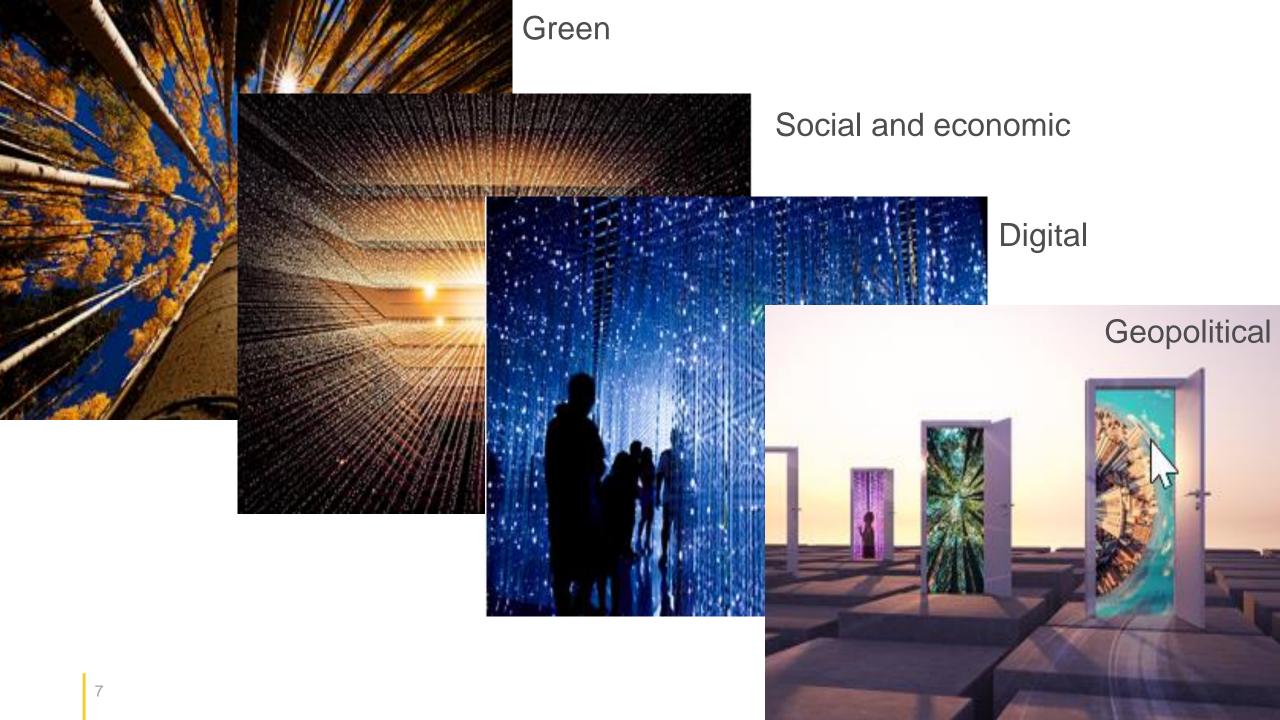










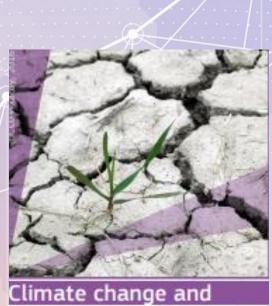




Megatrends and resilience



Aggravating resource scarcity



Climate change and environmental degradation

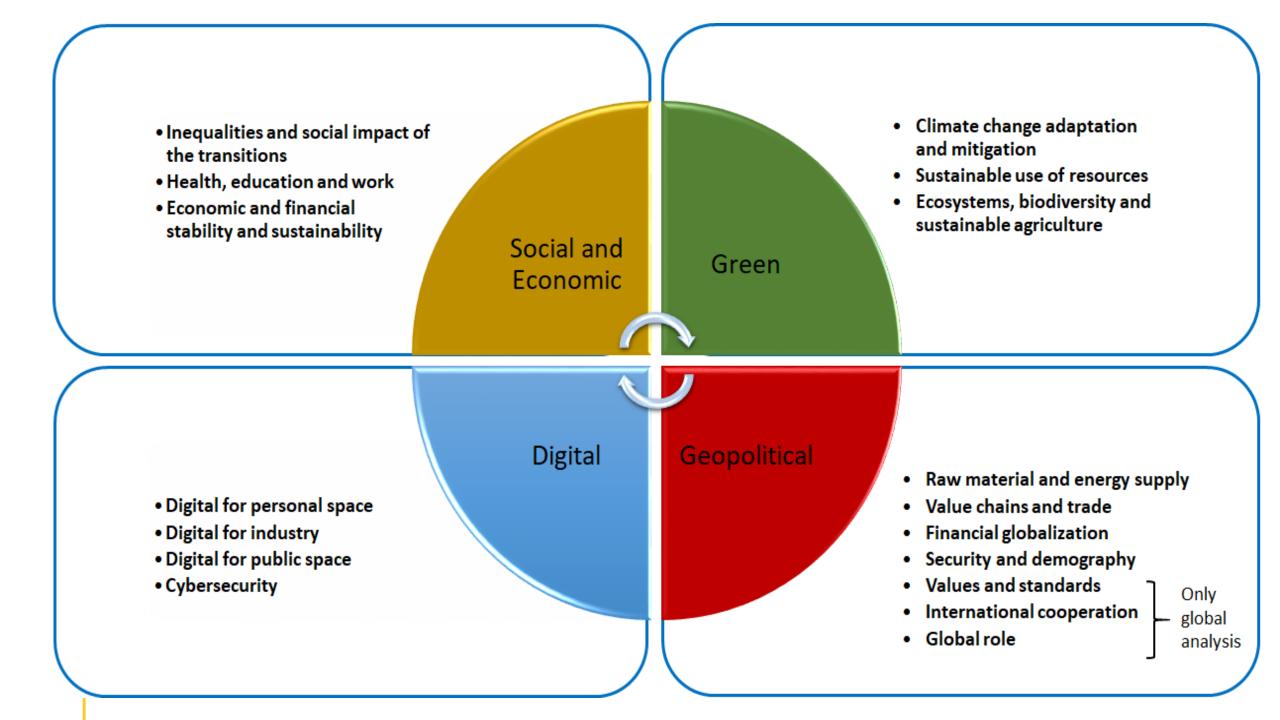


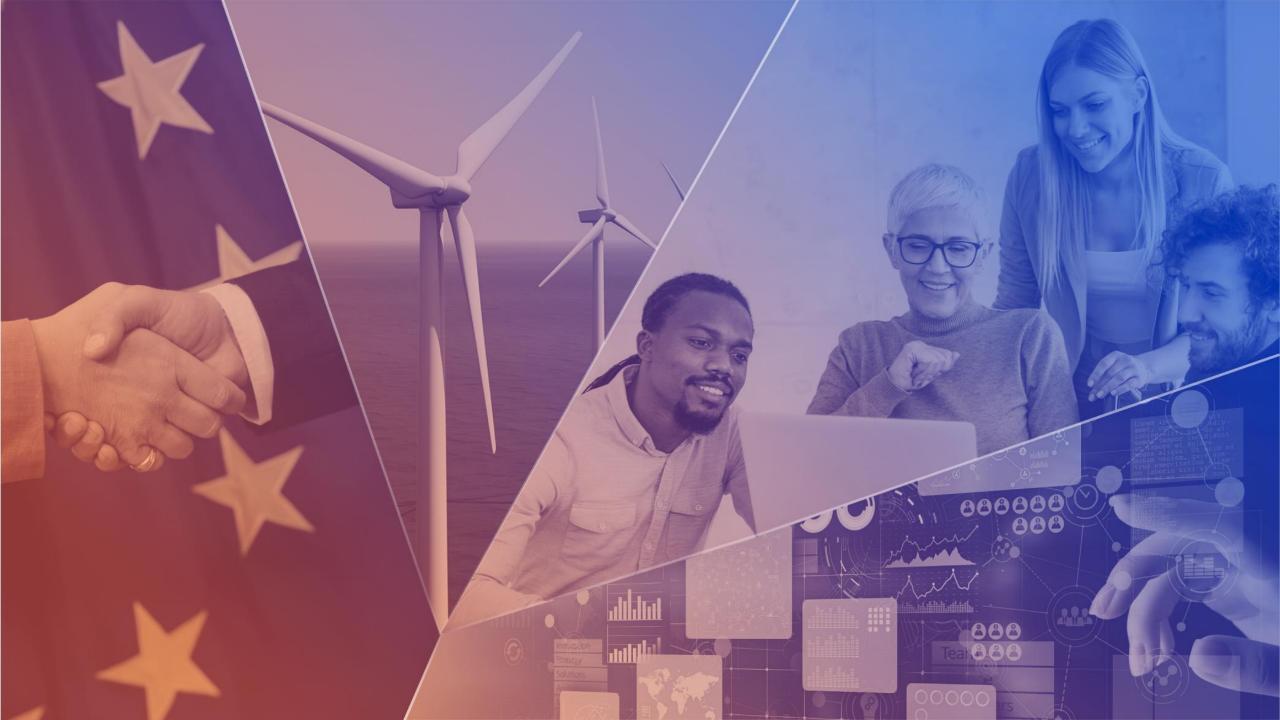
Changing nature of work



Diversifying Inequalities







Monitoring resilience using the resilience dashboards





vulnerabilities (obstacles, challenges)



(enablers, opportunities)



Draft resilience dashboards: the green dimension

_																		
			BE	BG	CZ	DK	DE	EE	IE	EL	ES	FR	HR	IT	CY	LV	LT	LU
Climate change mitigation and adaptation	V	Fatalities from climate extremes																
		GHG emissions per capita	•	•	•	7	7	7	•	•	•	•	•	•	•	•	•	7
		CO2 emissions in road transport	•	7	7		•		•	•			7		•	7	7	7
		Fossil fuel subsidies	•	7			•	•	•	•	•		•		•	•	•	
	С	Insured losses from climate extremes																
		CO2 absorption by forests	•		7	7	•	7	•	•	•		•	•	•	7	7	7
		Electric and hydrogen passenger fleet	7	•	7	7	7	7	7	•	7	7	•	7		7	7	7
		Inland use of of train, bus and trolleybus	7	7	•	7	•	•	7	7	7			7	•	7		
		Renewable energy in final energy consumption		•	•	7	•	7	7	7	•		•		7		•	
		Environmental technology patents per capita	•	•	•	7	•	•	•	•	•	•	•	•	•	•	•	
Ecosystems, biodiversity and sustainable	V	Farmland bird index	>		7	7	•	7	7	7	7	- 7		7	7	7	- V	7
		Harmonised risk indicator 1 for pesticides	7	7	7	7	7	7	7	7	7		7	•	7		7	7
		Soil sealing index		•	•				•	•	•		•	•		•	•	
		Soil erosion by water																
		Farm income variability	7	7	•	7	•	7	7	7		7	•		7	7	7	
	С	Soil carbon content	•		•		•		•	•	•		•	•		•	•	•
		Organic farming	7	•	7	7	7	7		7	7	7	7	7		7	7	
		Urban wastewater treatment	•	7	•		•	•		•	•					7	7	•
		Natura 2000 protected areas	•	•	•		•		•	•		•	•	•	•		•	7
		National expenditures on environmental protection	•	7	•	7	•	7	7	7	•			•	7	٧	•	7
Sustainable use of resources	V	Water exploitation index +	7	•	7		•		•	7	7	7	•	7	7	•	7	•
		Domestic footprint	•		•		7	•	•	7	7	2		7	•	•	•	•
		Domestic material consumption per capita	•	7	•		•	7	7	7		•	•	•	•	7	7	7
		Waste generation rate	7	7	•		•	7	•	7				7	•	•	•	•
		Energy used in ICT	•	•	•		•	7		7			•	•	•	7	V	7
	С	Resource productivity	7		7		7	7	7	7	7	7	7	7	•	7	•	7
		Energy productivity	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
		Circular material use rate	7	•			•			7		7		7	•		•	7
		E-waste recycling rate	7	Y	7	7	•	7	7	7	7	7	7	•	7	7	٧	7
		Gross value added in environmental goods and services sector	•		7	7		7	•								7	7

Link to the Sustainable Development Goals



Understanding the complexity of the twin transitions



Towards the resilience monitoring





Home > Strategy > Strategic planning > Strategic foresight > 2020 Strategic Foresight Report > Resilience Dashboards

Resilience Dashboards

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What are the resilience dashboards?

How are the resilience dashboards built?

Monitoring resilience



Social and economic



Green



Digital



Geopolitical



Further information





capacity for adaptation and transformation.

Disclaimer

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