How EO is informing EU Policies

This section provides insights on policy trends that will help the user navigate and understand the dynamically evolving Earth Observation sector linked to the EU policies (Common Agricultural Policy, European Water Framework Directive, Europe 2050, European Green Deal, EU Biodiversity Strategy, among others).

The articles are updated regularly and injected from different projects.

Land

Thematic Area	Topic	Link to Article
Agriculture	CAP (EU Common Agricultural Policy)	How Earth Observation is helping us rethink
		Common Agricultural Policy - Parsec Accele
	Land Parcel Identification System (LPIS)	soon to come
	Farm Management Information System (FMIS)	soon to come
	Farm Registry	soon to come
	FaST	soon to come
	Integrated Administration and Control System (IACS)	soon to come
Land ecosystems	European Green Deal	European Green Deal in need of monitoring
		European Green Deal - Parsec Accelerator
	EU Biodiversity Strategy for 2030	Monitoring the status, function, and disrupti
	REDD+	soon to come
	United Nations Sustainable Development Goals	soon to come
Inland water bodies	Water Framework Directive	Policy, market and technology trends in EO

Built Environment

Thematic Area	Topic	Link to Article
Built environment		soon to come
Infrastructure & installations	Solar water heating systems	Solar Water Heating Systems - Parsec Accelerator (parsec-accelerator.eu)
	Wind turbines	Wind turbine manufacturing technologies - Parsec Accelerator (parsec-accelerator.eu)
	Smart turbine technologies	Smart turbine technologies - Parsec Accelerator (parsec-accelerator.eu)
	Pumped-storage hydroelectricity	Pumped-storage hydroelectricity - Parsec Accelerator (parsec-accelerator.eu)
	Photovoltaics	Photovoltaics - Parsec Accelerator (parsec-accelerator.eu)
	Concentrated solar power	Concentrated Solar Power - Parsec Accelerator (parsec-accelerator.eu)
Transport networks		soon to come
Waste		soon to come

Maritime & Marine

Thematic Area	Topic	Link to Article
Metocean	Altimetry	soon to come
Coastal areas	Algae bloom	soon to come

Marine ecosystem	Marine Strategy Framework Directive	Policy, market and technology trends in EO-assisted water resource management – e-shape Sustainability & Upscaling (e-shape.eu)
	Marine Spatial Planning Directive	soon to come
	Integrated Maritime Policy	soon to come
Fisheries	Aquaculture	soon to come
	Illegal, unreported, and unregulated fishing	soon to come
Ships monitoring, detection & tracking	Vessel detection	soon to come
	AIS	soon to come
	Arctic shipping	Earth Observation strategies for Arctic Shipping - Parsec Accelerator (parsec-accelerator.eu)
Marine pollution	International Convention for the Prevention of Pollution from Ships	soon to come

Atmosphere & Climate

Thematic Areas	Topic	Link to Article
Climate change	Urban heat islands	soon to come
	Greenhouse gases	THE CLIMATE EMERGENCY: Monitoring greenhouse gases from space – e-shape Sustainability & Upscaling

Disasters & Geohazards

Thematic Area	Topic	Link to Article
Disasters & geohazards (emergency)	Civil protection mechanism	EO achievements for disaster resilience bring new business opportunities – e-shape Sustainability & Upscaling (e-shape.eu)
	Wildfires	Foreseeing Wildfires with data - Parsec Accelerator (parsec-accelerator.eu)

Security & Safety

Thematic Areas	Topic	Link to Article
Health	NOx monitoring	THE CLIMATE EMERGENCY: Monitoring greenhouse gases from space – e-shape Sustainability & Upscaling (e-shape.eu)
	Air quality	Health check from above – e-shape Sustainability & Upscaling (e-shape.eu)