

AdriaClim

Stato di avanzamento e attività previste sino a conclusione progetto

AdriaClim | PP11 | ARPA FVG

Presentazione interna | Palmanova | 30 September 2022

Sintesi degli argomenti della riunione

Orario	Relatori	Contributo
10:30 – 10:45	Dario Giaiotti	Introduzione ai contributi seguenti e considerazioni generali sul progetto AdriaClim
10:45- 11:00	Bogdan Rusjan Cristina Moro Maira Pittis	Rendicontazioni, time sheet, estensione del progetto. Proiezioni di spesa e copertura finanziaria per il 2023. (WP1).
11:00 – 11:15	Elena Giancesini	Comunicazione progettuale ordinaria, aggiornamento della documentazione sull'area Drive di progetto ed interna ad ARPA FVG (WP2); archiviazione e backup dei dati e delle simulazioni, scadenze licenze software (WP4).
11:15 – 11:30	Alessandro Acquavita Denis Guiatti Eddio Marini	Misure su benthos e grandezze fisiche marine, che l'Agenzia conduce nel corso del 2022, che condurrà nel 2023, e che confluiscono automaticamente nelle basi dati del progetto AdriaClim (WP3).
11:30 – 11:45	Alessandro Minigher Alex Pividori	Risultati delle simulazioni e delle analisi riguardanti le proiezioni climatiche ad alta risoluzione spaziale, delle grandezze fisiche, nella laguna e nel golfo di Trieste, per le prossime decadi, fino all'anno 2100 (WP3)
11:45 – 12:00	Federica Flapp Sara Menon	Attività volte all'identificazione degli impatti dei cambiamenti climatici costieri, marini e dei corrispondenti portatori di interesse. Evoluzione dei contributi alla Climate Literacy. Descrizione della recente evoluzione delle deliverable progettuali del WP5.3 (WP5).
12:00 – 12:30	Dario Giaiotti	Discussione conclusiva

Ricordiamo che AdriaClim è un progetto strategico INTERREG IT-HR

Strategic theme: 2 - **Climate change adaptation**

Specific objective: 2.1 - Improve the **climate change monitoring** and **planning of adaptation measures** tackling specific effects, in the cooperation area



S.O. 2.1



Project acronym	AdriaClim
Project title	Climate change information, monitoring and management tools for adaptation strategies in Adriatic coastal areas
Start date	01/01/2020
End date	31/12/2022

Today



Un richiamo sui risultati progettuali attesi

Project results

AdriaClim will improve the knowledge on climate change and it will achieve the following results:

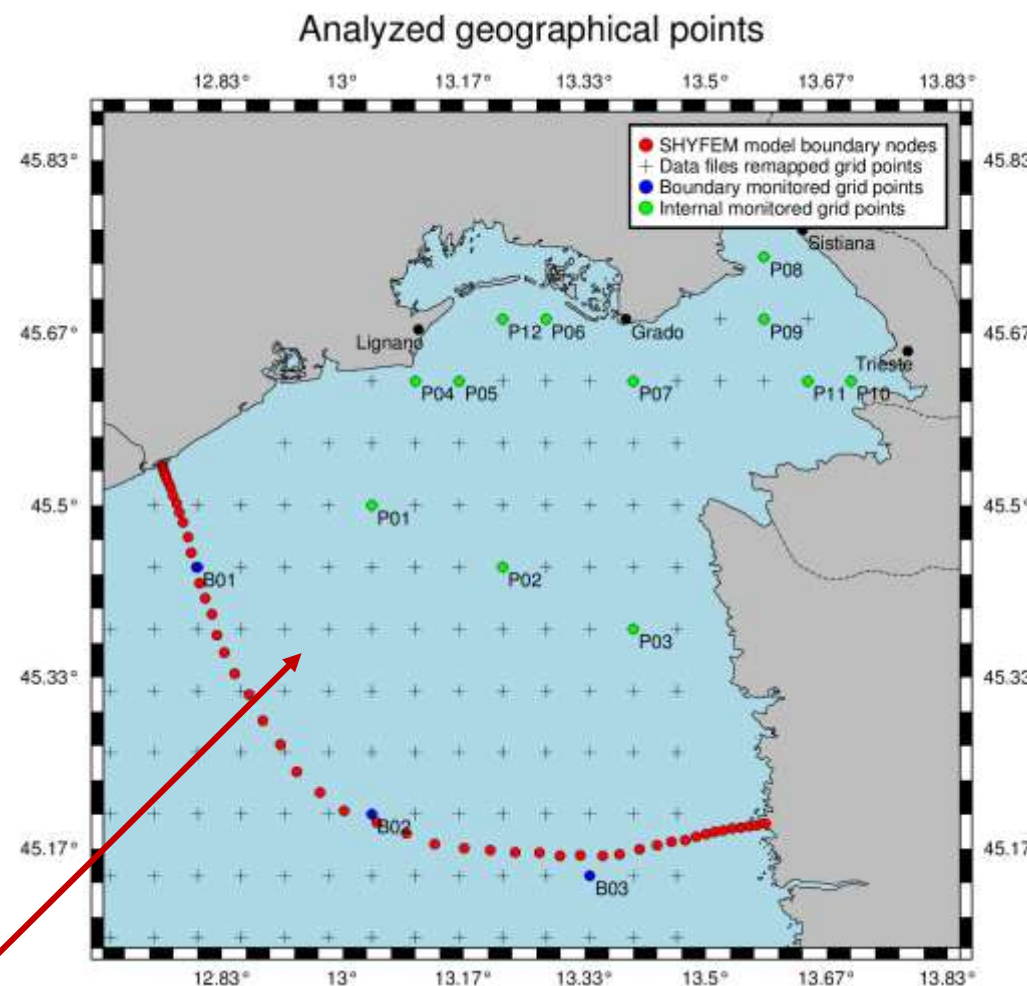
- ❑ To **improve and harmonize the access to observing and modelling tools and products** (data platform, distributed database, innovative access tools) by setting up crossborder methodologies/protocols;
- ❑ To **set up new and improve existing regional and coastal high-resolution integrated meteo-hydro-ocean and ecological climate monitoring systems (observations and models)**. 7 integrated monitoring systems each focusing of different variables will be put in place dealing with different typologies of data: sea level, temperature, salinity, sediment, carbon, nutrients, ecosystem variables, atmospheric and ocean variables
- ❑ To **assess the impacts, vulnerability and risks and develop maps and indexes for pilot case studies** on the blue economy (aquaculture, tourism); marine ecosystems services by Marine Protected Areas (MPA); coastal towns (population), and ports.
- ❑ To **design adaptation plans** (at least 3 in IT and 2 in HR) at different scale (e.g. local and regional) to be adopted by the relevant authorities in coastal territories
- ❑ To **organize workshops** to present future climate conditions and impacts
- ❑ To **organize trainings for public and private stakeholders** on adaptation measures, governance systems, monitoring of the actions, for the creation of new jobs in the field of adaptation and mitigation.
- ❑ To **set up a Transnational Expert Management Body (TEMB)**

La nostra Pilot area di [PP11 – ARPA FVG]



Pilot area features

- Environment type: coastal areas, lagoon and open sea
- Relevant ecosystems: [Natura 2000 sites](#)
- Important anthropic activities: [harbors](#), [tourism](#), [historical sites](#)



High resolution model simulation and climate trend analyses

Stato di avanzamento delle deliverable e attività ancora da completare

	ACTIVITIES	WP LEADER
WP0	Preparation	
WP1	Project management and coordination of activities	Arpae
Activity 1.1	START-UP ACTIVITIES	
Activity 1.2	DAY-TO-DAY PROJECT MANAGEMENT, COORDINATION AND INTERNAL COMMUNICATION	
Activity 1.3	STEERING AND MONITORING OF THE PROJECT IMPLEMENTATION	
Activity 1.4	FINANCIAL MANAGEMENT	
WP2	Project Communication and Capitalization activities	RERA
Activity 2.1	START-UP ACTIVITIES (incl. Communication and dissemination strategy)	
Activity 2.2	WEBSITE, SOCIAL MEDIA AND DISSEMINATION MATERIAL	
Activity 2.3	EVENTS, TRAINING AND WORKSHOPS	
WP3	Climate change monitoring and modelling systems	CMCC
Activity 3.1	DESIGN AND IMPLEMENTATION OF THE OBSERVING SYSTEM UPDATES	UNIBO
Activity 3.2	DESIGN AND IMPLEMENTATION OF THE INTEGRATED MODELLING SYSTEMS	CMCC
Activity 3.3	QUALITY CONTROL OF THE OBSERVATIONS AND VALIDATION OF THE MODELLING SYSTEMS	ISPRA
Activity 3.4	INTEGRATION AND ASSESSMENT OF MONITORING (OBSERVATIONS AND MODELS) COMPONENTS INFORMATION FOR EACH PILOT	IOF
WP4	Information system and products	Arpae
Activity 4.1	SYSTEM ARCHITECTURE DESIGN	Arpae
Activity 4.2	DATA TRANSFORMATION AND CLIMATE IMPACT INDICATORS DEVELOPMENT	CMCC
Activity 4.3	BIG DATA REPOSITORY AND NETWORK SERVICES	CMCC
Activity 4.4	GEOPORTAL DEVELOPMENT	CMCC
WP5	Adaptation Plans	Emilia-Romagna Region
Activity 5.1	CRITICAL ANALYSIS OF EXISTING NATIONAL AND REGIONAL/LOCAL ADAPTATION PLANS	RER
Activity 5.2	ASSESSMENT OF VULNERABILITY, HAZARDS, IMPACTS ON SOCIO ECONOMIC AND ECOSYSTEM SERVICE	
Activity 5.3	ADAPTATION PLAN/ MITIGATION PLAN / PLAN OF INTERVENTION DESIGN	RER
Activity 5.4	ADAPTATION PLAN/ MITIGATION PLAN / PLAN OF INTERVENTION / ON THE FVG PILOT AREA	ARPA FVG
Activity 5.5	ADAPTATION PLAN/ MITIGATION PLAN / PLAN OF INTERVENTION / ON THE VENETO PILOT AREA	
Activity 5.6	ADAPTATION PLAN/ MITIGATION PLAN / PLAN OF INTERVENTION / ON THE EMILIA-ROMAGNA PILOT AREA	RER
Activity 5.7	ADAPTATION PLAN/ MITIGATION PLAN / PLAN OF INTERVENTION / ON THE APULIA PILOT AREA	APULIA REGION
Activity 5.8	ADAPTATION PLAN/ MITIGATION PLAN / PLAN OF INTERVENTION / ON THE DUBROVNIK NERETVA PILOT AREA	
Activity 5.9	ADAPTATION PLAN/ MITIGATION PLAN / PLAN OF INTERVENTION / ON THE SPLIT – DALMATIA PILOT AREA	
Activity 5.10	ADAPTATION PLAN/ MITIGATION PLAN / PLAN OF INTERVENTION / ON THE MARCHE PILOT AREA	MARCHE REGION
Activity 5.11	ADAPTATION PLAN/ MITIGATION PLAN / PLAN OF INTERVENTION / ON THE MOLISE PILOT AREA	MOLISE REGION
Activity 5.12	ADAPTATION PLAN/ MITIGATION PLAN / PLAN OF INTERVENTION / ON THE ZADAR PILOT AREA	ZADRA NOVA
Activity 5.13	CLIMATE LITERACY TOOLKIT	CMCC
Activity 5.14	TRANSNATIONAL EXPERT MANAGEMENT BODY	ZADRA NOVA

Introduzione



Conclusione

Deliverable e attività ancora da completare WP1

ACTIVITIES		WP LEADER
WP1	Project management and coordination of activities	Arpae
Activity 1.1	START-UP ACTIVITIES	
Activity 1.2	DAY-TO-DAY PROJECT MANAGEMENT, COORDINATION AND INTERNAL COMMUNICATION	
Activity 1.3	STEERING AND MONITORING OF THE PROJECT IMPLEMENTATION	
Activity 1.4	FINANCIAL MANAGEMENT	

Proseguire dando continuità alle Activity 1.2, 1.3 e 1.4

Quarterly Reports, Activity Reports,

FLC validation, upload on SIU, costs monitoring

Verifications ?



Deliverable e attività ancora da completare WP2

ACTIVITIES		WP LEADER
WP2	Project Communication and Capitalization activities	RERA
Activity 2.1	START-UP ACTIVITIES (incl. Communication and dissemination strategy)	
Activity 2.2	WEBSITE, SOCIAL MEDIA AND DISSEMINATION MATERIAL	
Activity 2.3	EVENTS, TRAINING AND WORKSHOPS	

Proseguire dando continuità alle Activity 2.2

- Contribution to: **Quarterly Reports**, **Activity Reports**, **Communication Report**
- Web site agenziale and contribution to Project Web Site
- News: keep number on average



Deliverable e attività ancora da completare WP3

ACTIVITIES		WP/Act. LEADER
Activity 3.1	DESIGN AND IMPLEMENTATION OF THE OBSERVING SYSTEM UPDATES	UNIBO
Activity 3.2	DESIGN AND IMPLEMENTATION OF THE INTEGRATED MODELLING SYSTEMS	CMCC
Activity 3.3	QUALITY CONTROL OF THE OBSERVATIONS AND VALIDATION OF THE MODELLING SYSTEMS	ISPRA
Activity 3.4	INTEGRATION AND ASSESSMENT OF MONITORING (OBSERVATIONS AND MODELS) COMPONENTS INFORMATION FOR EACH PILOT	CNR
Activity 3.5	ASSESSMENT OF VULNERABILITY, HAZARDS, IMPACTS ON SOCIO ECONOMIC AND ECOSYSTEM SERVICE	CNR
Activity 3.6	TRANSNATIONAL EXPERT MANAGEMENT BODY	ZADRA NOVA

Proseguire dando continuità alle **Activity 3.2**

- Ultime simulazioni dei casi di sensibilità con sea level rise definito a partire da fonte IPCC (area pilota)
- Simulazione continua 2006-2050 condizioni al contorno CMCC (area pilota)

Proseguire dando continuità alle **Activity 3.4**

- Aggiornamento misure su parametri fisici, chimici e benthos

Proseguire dando continuità alle **Activity 3.6**

- Partecipazione agli incontri richiesti



2020 1st

2020 2nd

2021 1st

2021 2nd

2022 1st

2022 2nd

2023 1st

Deliverable e attività ancora da completare WP4

ACTIVITIES		WP/Act. LEADER
WP4	Information system and products	Arpae
Activity 4.1	SYSTEM ARCHITECTURE DESIGN	Arpae
Activity 4.2	DATA TRANSFORMATION AND CLIMATE IMPACT INDICATORS DEVELOPMENT	CMCC
Activity 4.3	BIG DATA REPOSITORY AND NETWORK SERVICES	CMCC
Activity 4.4	GEOPORTAL DEVELOPMENT	Arpae
Activity 4.5	CLIMATE LITERACY TOOLKIT	CMCC

Proseguire contribuendo, per quanto possibile alle:

Act 4.3 Big data repository and networking services

- D.4.3.1 Implementation of the Network Data Repository (nodo ERDDAP ?)
- D.4.3.1 Backups continuity

Act 4.5 Climate literacy toolkit (spin off di WP5.3)

- D4.5.1 One online toolkit

4.3.1 4.5.1
?
↓

2020 1st

2020 2nd

2021 1st

2021 2nd

2022 1st

2022 2nd

2023 1st

Deliverable e attività ancora da completare WP5

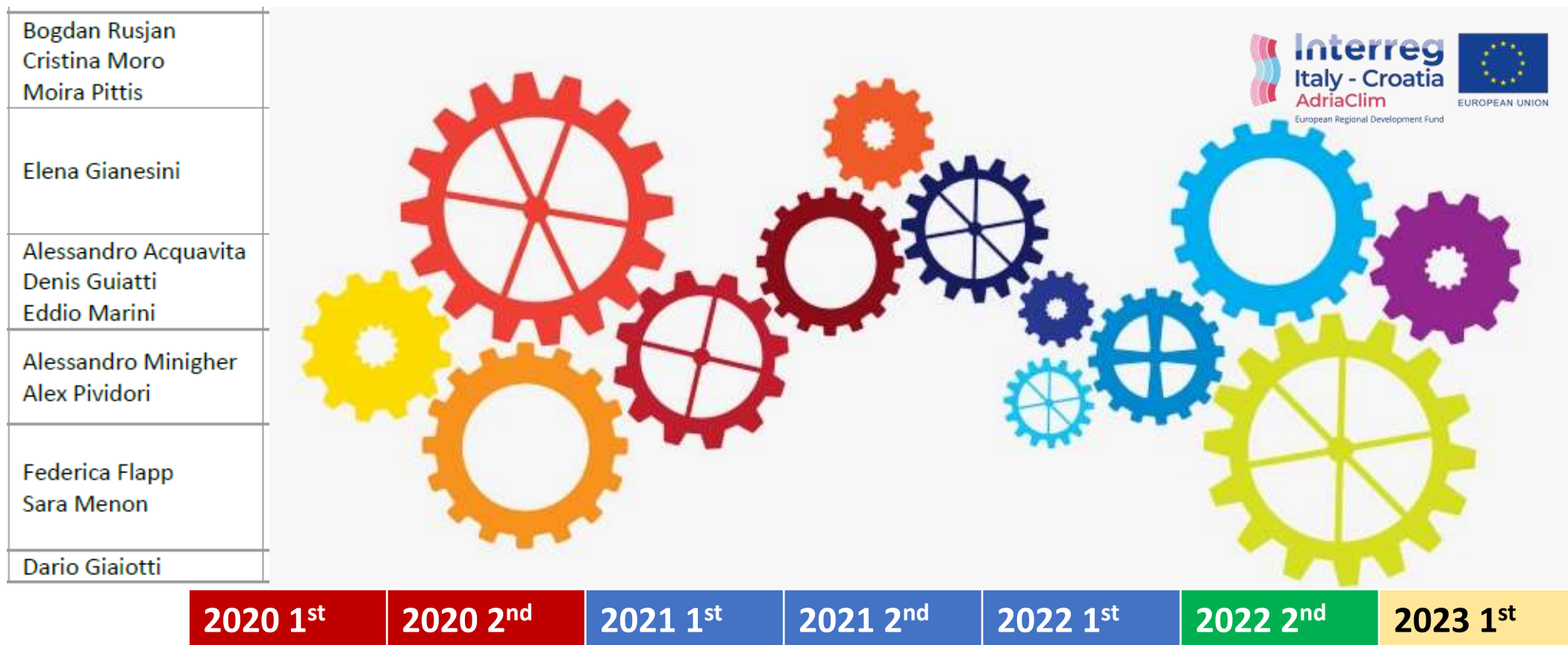
ACTIVITIES		WP/Act. LEADER	PR6						PR7					
			M31	M32	M33	M34	M35	M36	M37	M38	M39	M40	M41	M42
			l-22	a-22	s-22	o-22	n-22	d-22	g-23	f-23	m-23	a-23	m-23	g-23
WP5	Adaptation Plans	Emilia-Romagna												
Activity 5.3	FVG Pilot: Adaptation/Mitigation/Intervention Plan	ARPA FVG										D.5.3.1 D.5.3.2		
D.5.3.1 A general adaptation plan or the pilot area reporting the bulk of the strategies with a template for the development of local adaptation plans		D.5.3.1 A general knowledge framework for local adaptation plans in FVG pilot area: overview of existing spatial and sectoral plans, available information about climate and impacts and tools for adaptation						M30- (M33)	M40					
D.5.3.2 A guideline for the development of detailed local adaptation plans		D.5.3.2 Insights from case studies for the development of local adaptation plans and actions: examples, guidelines and summary cards from specific studies on local impacts						M30- (M33)	M40					

Proseguire realizzando le deliverable: D.5.3.1 e D.5.3.2

- Deposito delle due bozze bozza (draft) entro il 31/12/2022 (M36)
- Deposito delle due versioni definitive (final) entro il 30/04/2023 (M40)



In sintesi: il meccanismo sta girando e producendo risultati



CONTACT INFORMATION

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