

TEAM ITALY HOPE 2023



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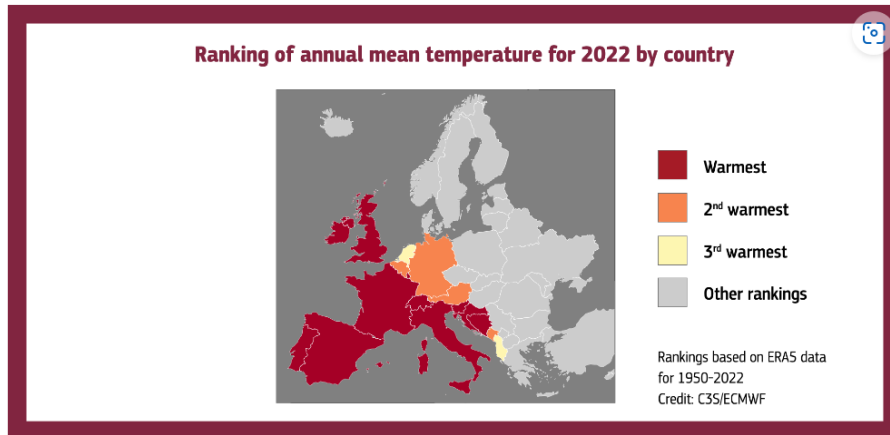
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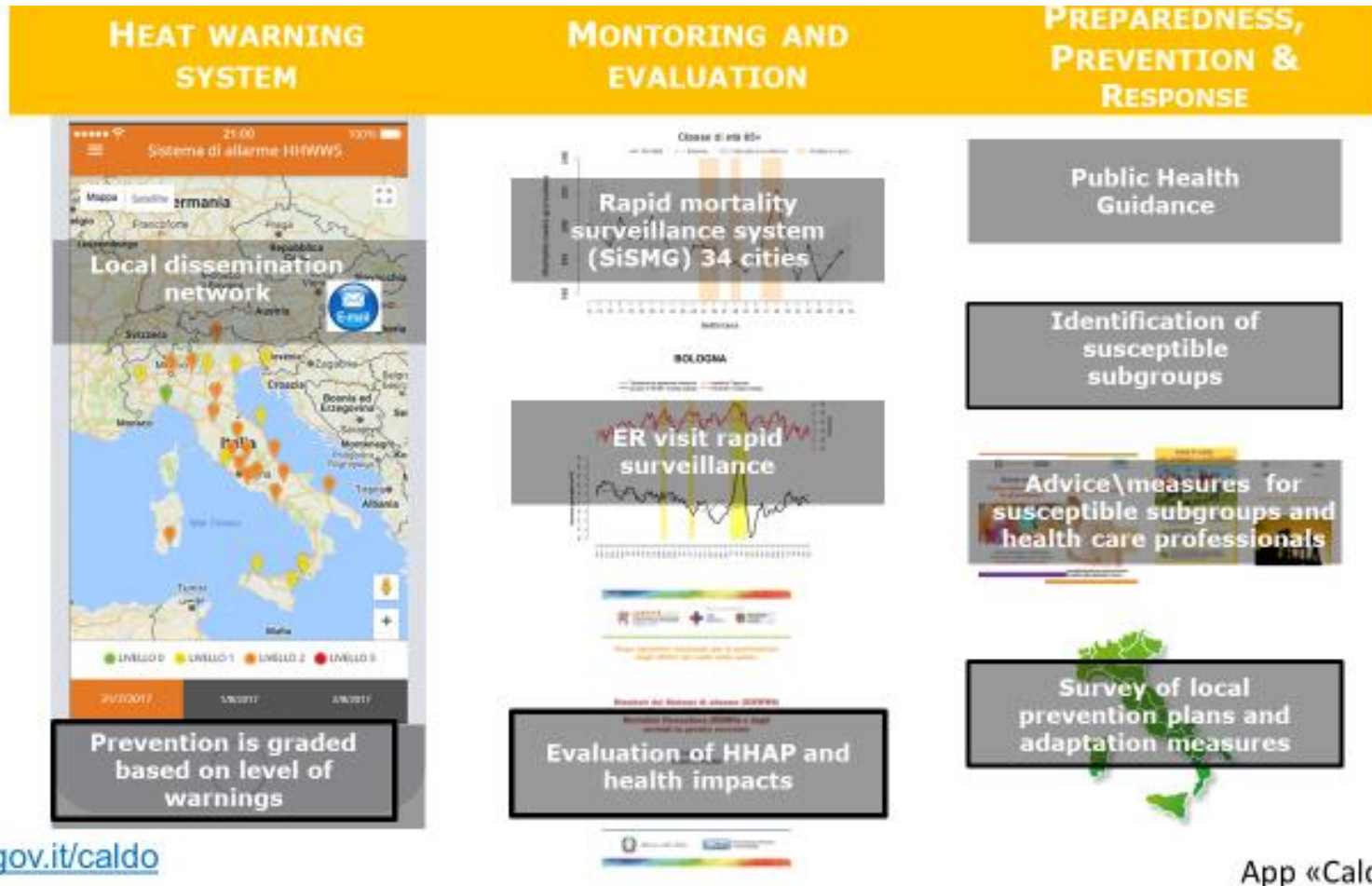


CLIMATE CHANGES ACROSS EUROPE – T

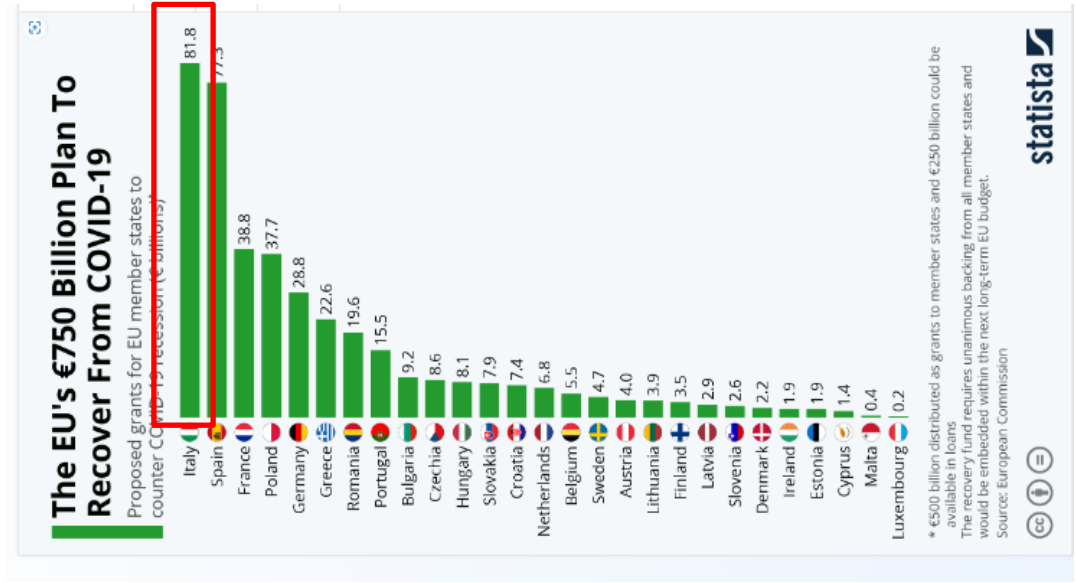
- 2022 Saw **record temperatures** in Europe and across the world
- July 2022, Italy declares **state of emergency for drought-stricken north**
- May 2023, Emilia-Romagna and parts of Marche have been badly affected by **heavy rain, floods and landslides**



ITALIAN NATIONAL HEAT HEALTH PREVENTION PLAN



Recovery plan for Europe – Italy PNRR



NEXT GENERATION EU FUNDING 800 billion € in response to COVID
 Key Digital, green, healthy, strong, equal.
 RRF recovery and resilience facility.

Total amount for Italy: € 191,5 bn





Italian recovery Plans: PNRR – PNC

Recovery plan for Italy (PNRR) organized in 6 missions and components

MISSION 6 HEALTH: Proximity assistance and telemedicine, Innovation, research and digitisation of healthcare

SAFE AND SUSTAINABLE HOSPITALS

PNRR M6/Component 2 – Innovation, research, and digitalizations of the NHS


- **Anti-seismic interventions**
- **renewal and modernization of the physical and technological framework** of real estate of public health



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PIANO NAZIONALE COMPLEMENTARE (PNC) €30,6 billion €2,89 billion health

- Health, environment, biodiversity and climate (€500million)



strengthen health prevention and environmental (SNPS-SNPA) institutions and services at national, regional and local level, improving infrastructure, human and technological capabilities and applied research;

development and implementation of operational programs for the definition of integrated health-environment-climate intervention models in 2 contaminated sites (SIN);

training and educational programs in climate-environment-health

Funding of applied research with multidisciplinary approach in specific areas of intervention health-environment-climate-biodiversity

development of a national digital platform

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THE BEST PRACTICES TO LESS CO2 IN FERRARA

SERVIZIO SANITARIO REGIONALE
EMILIA-ROMAGNA
Azienda Unità Sanitaria Locale di Ferrara



Ferrara Healthcare Service created a programme to motivate his employees the use of bikes to go to work



118 ON BIKE Our Emergency Medical Service got on bikes to **NOT JUST SAVE LIVES BUT TO ALSO SAVE THE PLANET!**



Ferrara Healthcare Service has provided his Community Healthcare Professionals some **BIKES.**

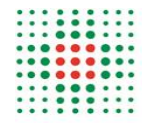


Thanks to the smaller areas on the Community Care, our Community Nurses can also go see their patients **ON WALK!**



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Community House of Villa Minozzo RE



SERVIZIO SANITARIO REGIONALE
EMILIA-ROMAGNA
Azienda Unità Sanitaria Locale di Reggio Emilia
IRCCS Istituto in tecnologie avanzate e modelli assistenziali in oncologia



EXAMPLE OF A NEW REALIZATION
Community House of Villa Minozzo (RE)

ATTESTATO DI PRESTAZIONE ENERGETICA DEGLI EDIFICI

VALIDO FINO AL: 

CODICE IDENTIFICATIVO: APE simulato

DATI GENERALI

Destinazione d'uso <input checked="" type="checkbox"/> Residenziale <input checked="" type="checkbox"/> Non residenziale	Oggetto dell'attestato <input checked="" type="checkbox"/> Intero edificio <input type="checkbox"/> Unità immobiliare <input type="checkbox"/> Gruppo di unità immobiliari Numero di unità immobiliari di cui è composto l'edificio: 1	<input checked="" type="checkbox"/> Nuova costruzione <input type="checkbox"/> Passaggio di proprietà <input type="checkbox"/> Locazione <input type="checkbox"/> Ristrutturazione importante <input type="checkbox"/> Riqualificazione energetica <input type="checkbox"/> Altro:
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Dati identificativi

FOTO EDIFICIO	Regione:	EMILIA ROMAGNA	Zona climatica:	F
	Comune:	Villa Minozzo	Anno di costruzione:	2023
	Indirizzo:	PNRR Missione 6 C1	Superficie utile riscaldata [m ²]:	310,90
	Piano:	T	Superficie utile raffrescata [m ²]:	310,90
	Interno:	-	Volume lordo riscaldato [m ³]:	1894,80
	Coordinate GIS:	-	Volume lordo raffrescato [m ³]:	1894,80

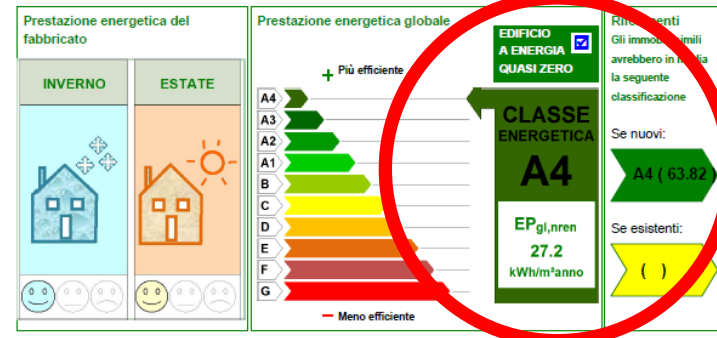
Comune catastale	Villa Minozzo			Sezione		Foglio		Particella	
Subaltrni	da	a	da	a	da	a	da	a	da
Altri subaltrni									

Servizi energetici presenti

<input checked="" type="checkbox"/> Climatizzazione invernale	<input checked="" type="checkbox"/> Ventilazione meccanica	<input checked="" type="checkbox"/> Illuminazione
<input checked="" type="checkbox"/> Climatizzazione estiva	<input checked="" type="checkbox"/> Prod. acqua calda sanitaria	<input type="checkbox"/> Trasporto di persone o cose

PRESTAZIONE ENERGETICA GLOBALE E DEL FABBRICATO

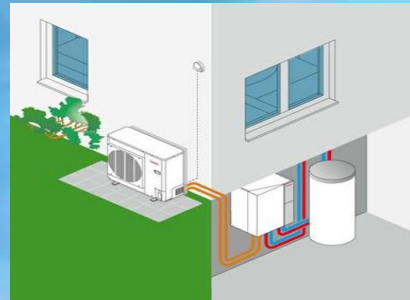
La sezione riporta l'indice di prestazione energetica globale non rinnovabile in funzione del fabbricato e dei servizi energetici presenti, nonché la prestazione energetica del fabbricato, al netto del rendimento degli impianti presenti.



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Photovoltaic
The system makes it possible to produce a large part of the energy necessary for the use of the building



Heat pump
It allows you to produce heating and cooling using electricity



Radiant floor
It allows optimal use of the heat produced and greater living comfort



Rainwater recovery
The recovered water is reused for the irrigation of green areas and for secondary functions such as toilet flushes



Indoor air quality
The control of the quantities of CO2 and other polluting agents is controlled by automatic monitoring systems.
For example, the crowding of the waiting room will lead to the activation of a higher number of air changes.



Digital Transformation in Regione Lombardia

- 1. New Regional Electronic Medical Record** (all care settings, 19 Hospital involved)
- 2. New Regional Booking System** (all Hospital involved)
- 3. New Digital Territorial Management System:** diffusion of the new software to support territorial processes
- 4. Telemedicine: Lombardy Region** manages through Aria SPA, the procurement for the unique Italian telemedicine platform
- 5. New Regional Integration Platform** (Master Patient Index, Clinical Document Repository, Middleware): progressive diffusion on all Hospitals



Digital Transformation in Regione Lombardia

HIMMS ELECTRONIC MEDICAL RECORD ADOPTION MODEL (EMRAM) EVALUATION:

in addition, each hospital will carry out an **evaluation before the projects** financed with the PNRR and there'll be **a further evaluation in 2025** to verify the changes introduced by digitalization.

DIGITALIZATION ASSESSMENT IN ASST SPEDALI CIVILE

Performed in 2021 and 2023 in order to access the **level of digitalization** and **define actions** to obtain a better level of digitalization

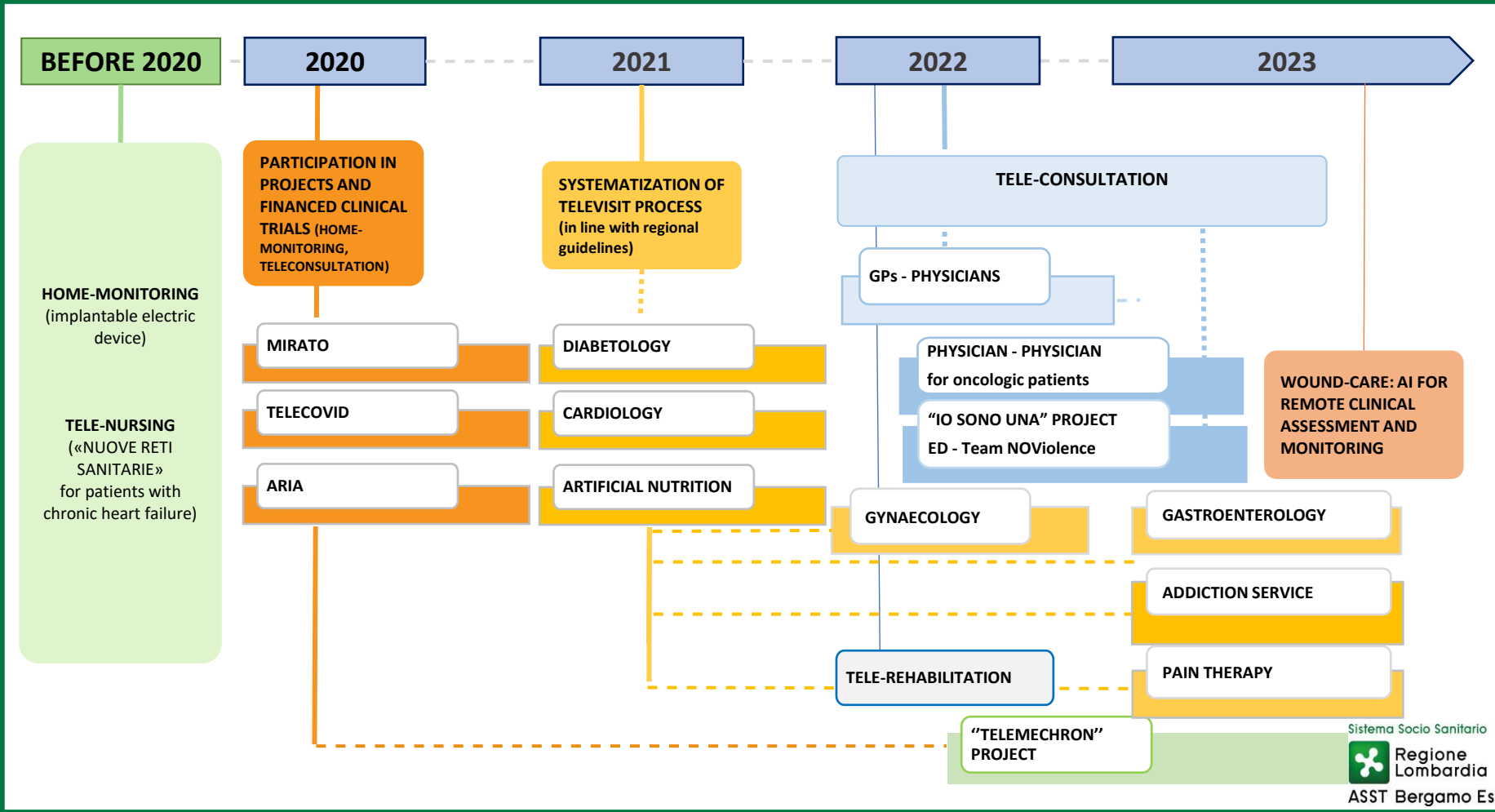
MANAGEMENT OF TELEMEDICINE IN ASST BERGAMO EST

Establishment of **the Telemedicine Teamwork**

Objective: implement telemedicine processes and integrate them within care pathways.



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CONCLUSIONS

- Covid-19 and natural disasters hit Italy severely in the last three years;
- Dedicated funds from the Recovery Plan (PNRR) to make Italian hospitals more safe and sustainable;
- Several sustainable activities carried out at local level;

Four main areas of focus:

- Sustainable mobility practices
- Sustainable in-hospital practices
- More sustainable infrastructures
- Digital transformation



TEAM ITALY HOPE 2023

9 regions out of 20 regions and 2 autonomous provinces North centre and south represented



Veneto
AOU Padova
AOUI Verona

Lombardy
ASST Bergamo EST
ASST Settelaghi
ASST Spedali Civili Brescia

Emilia-Romagna
AUSL IRCCS Reggio Emilia
AUSL Ferrara
AOU Modena

Piedmont
ASL Città di Torino
ASL Alessandria

Puglia
ASL Bari

Lazio
ASL Roma 1
AO San Camillo Forlanini
Agenas

Tuscany
AOU Pisana

Campania
AO dei Colli

Basilicata
AO Potenza





**Ciao a tutti,
grazie mille 😊**