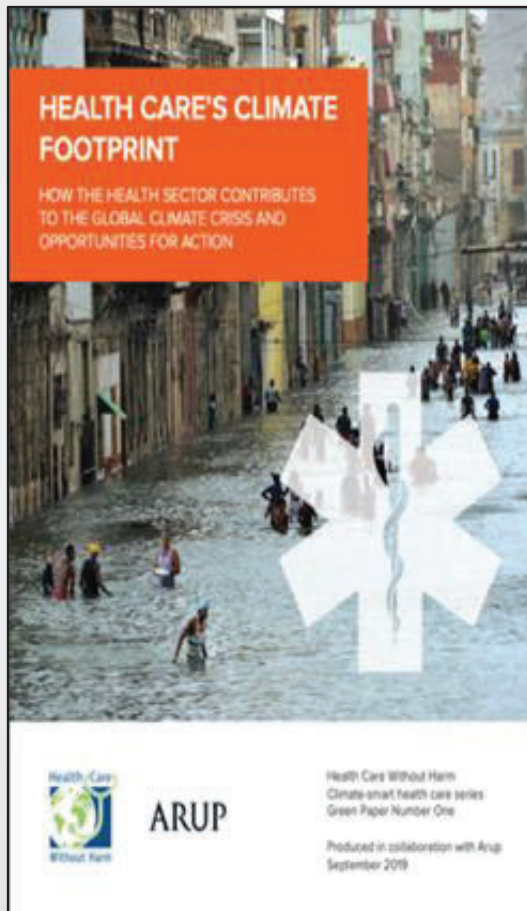


# MENTORING PROGRAMME 2021-2023



European Investment  
Bank, Jaspers  
Networking Platform,  
July 2<sup>nd</sup> 2024

# HEALTHCARE'S CLIMATE FOOTPRINT



## Key findings:

- Healthcare's climate footprint is equivalent to 4.4% of global net emissions (latest estimations: 4,6%)
- If the healthcare sector were a country, it would be the fifth largest emitter in the world
- The EU healthcare sector accounts for 12% of the global healthcare climate footprint
- Decarbonising healthcare's supply chain is critical – **71% of the sector's emissions come from Scope 3**





# Regional Hospital



280 beds  
35 medical  
specialities  
195.000 scope  
population  
1.100 health  
profesionals  
University  
hospital  
36 years old  
building

# Original approach

Management of ideas and sustainability projects from the Research and Innovation Unit



International support based on experience



With the full engagement of the hospital board



# Main steps

1. We received first Award in 2019: Climate Challenge Award (Global Green and Healthy Hospitals)

2. We joined an international project with HCWH in 2020: Project title: *Low carbon healthcare in the Mediterranean region*: Countries of implementation: Spain, Italy, Greece, France and Malta

- ❑ Establishment of carbon management teams in each hospital
- ❑ Develop Healthcare decarbonisation toolkit
- ❑ Best practices paper
- ❑ Learn calculating carbon footprint with HCWH tool

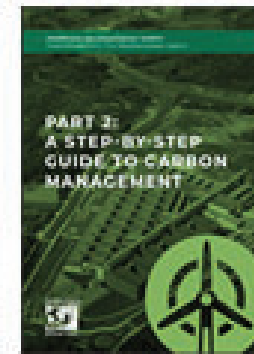




# TOOLKIT

## HEALTHCARE DECARBONISATION TOOLKIT: EXPERIENCES FROM THE MEDITERRANEAN REGION

- Set of resources and tools to support healthcare providers on decarbonisation journey:
  - Step by step guide to develop a Carbon Management Plan
  - Guide to setup a Carbon Management Team
  - A carbon tool to calculate your carbon footprint
  - Carbon Management Plan template
- Available in 9 languages: English, Greek, Spanish, Italian, Portuguese, Polish, Bulgarian, French, Dutch



# Main steps

3. Creation of A Sustainability Committee and carbon management plan in Xàtiva Hospital in 2020



4. Raising awareness in medias and contacts with other hospital directors. All of them shared the same concerns about impact on the environment

5. Involvement of other hospitals, companies and research centers to implement sustainability projects

6. National certificate. First for a public hospital in Valencia region





# MENTORING PROGRAMME:

## *TAKING A LEADERSHIP ROL IN VALENCIA REGION*

### First Phase 10 hospitals 2022

1. Calculating their carbon footprint baseline.
4. Have direct support from a carbon management expert hospital (Hospital Lluís Alcanyís) and HCWH Europe, as well as additional support of external consultants along the duration of the programme
5. Develop and commit to a system-wide green and healthy hospital strategy in Comunitat Valenciana

### Second Phase 10+4 hospitals 2023

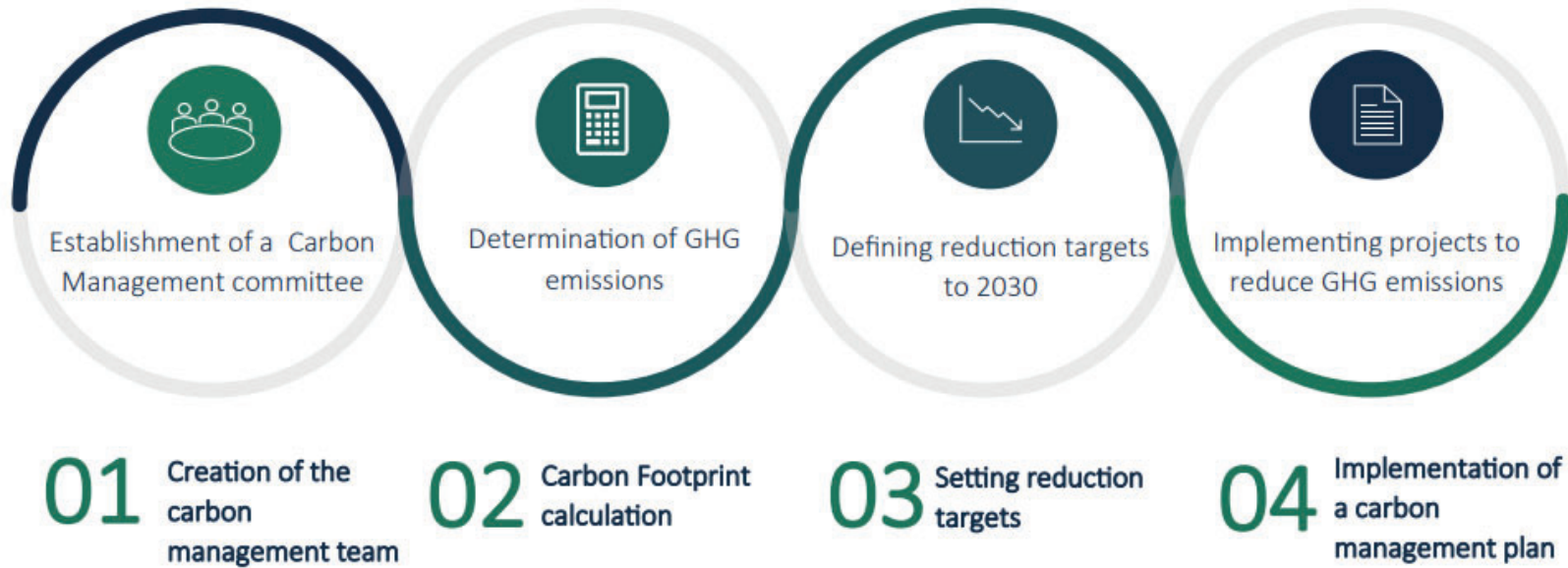
- Developing carbon management plans
- Calculating carbon footprint baseline for the new hospitals

HCWH Europe supported a **Mentoring Program** for 14 hospitals in Valencia Region. Funded by Ikea Foundation

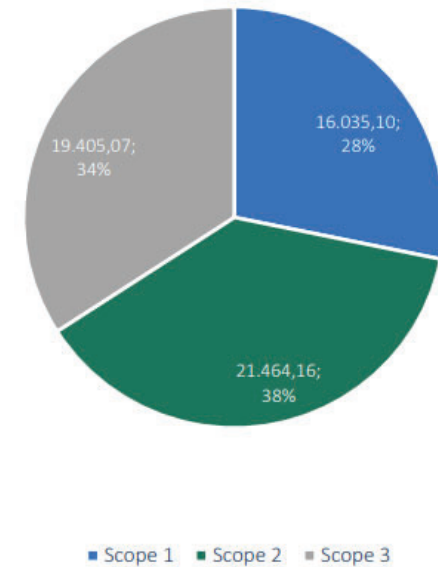
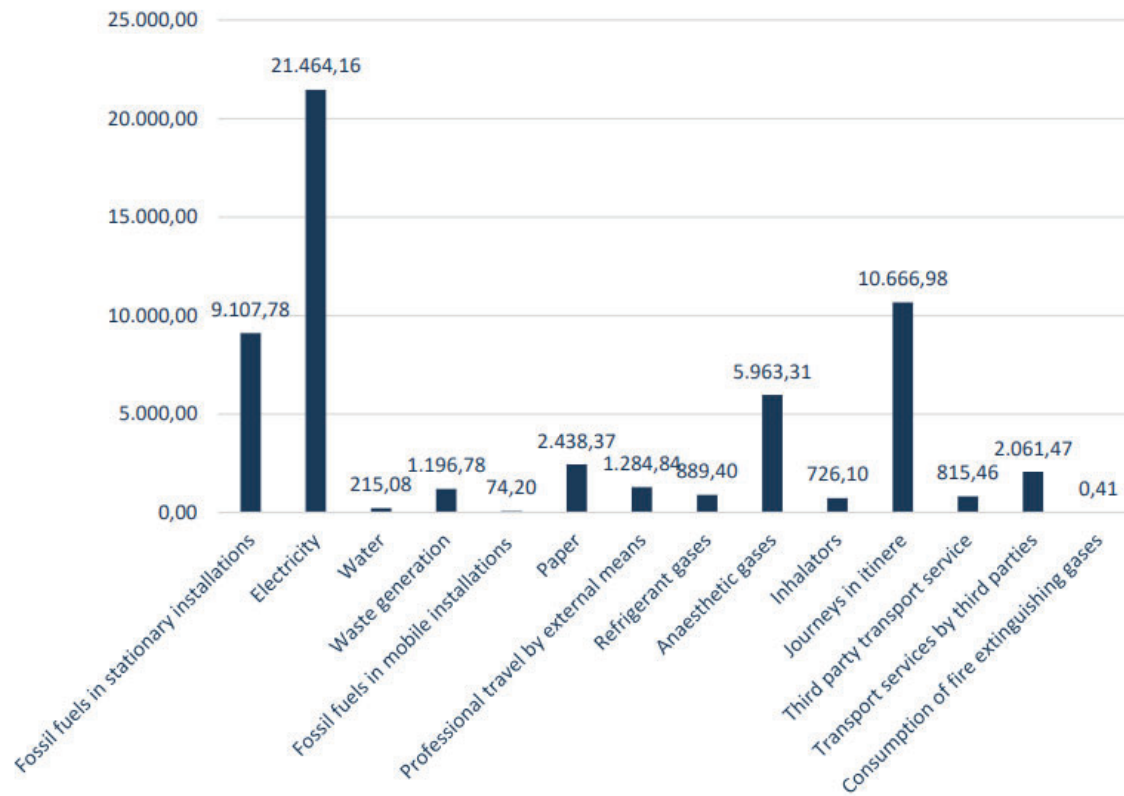
#### Our engagement:

- A focal person as adviser to answer doubts and questions
- A focal person to boost and promote sustainability initiatives

## SCHEME FOLLOWED



As a first step, the calculation of the carbon footprint of the year 2022 was carried out for each of the hospitals across the three scopes (Scope 1, 2, and 3). Results from all the hospitals involved in the programme were obtained and based on the results analysed, it was determined that the total Carbon Footprint for the hospitals in 2022 amounted to **56,904 tCO<sub>2</sub>e**.





# OUTPUTs

- 14 hospitals have calculated its carbon footprint
- 12 hospitals have created its Sustainability Committes
- Creation an innovation HUB with hospitals, enterprises and technological centres
- Implementation of sustainability projects in the hospitals
- **Creation a consolidated network**
- Involvement of the regional authorities and development of a strategy of sustainability for health facilities in Valencia Region
- 2 successful congresses dedicated to sustainability of health facilities with 200 attendants



# Creation of a community of practice to make the hospitals in the Valencia region more sustainable

## How?



Communication (media, hospitals, universities, local authorities, etc)



Hospital board support



Walk the talk (lead by example)



Strong sustainability committee



Environmental expert in the hospital



Organization of an Annual Congress on Sustainability (november)



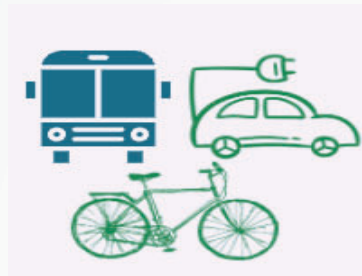
R&I focus on sustainability

# MAIN CHALLENGES

Bioclimatic architecture  
and energy efficiency



Sustainable mobility



Air pollution



Product sustainability  
chemical, sanitary  
and pharmaceutical



Waste management



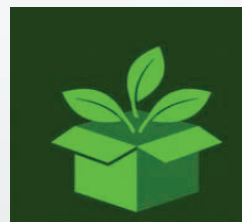
Sustainable food



Saving and  
pollution of water



Resilience &  
adaptation



**Green  
Procurement**



# CONCLUSION

We are more powerful when we empower each other

## Hospitals have ideas and environmental awareness

### Financial support

- To implement solutions and changes

### Engagement of authorities

- At all levels
- To set up strategy and priorities

### Invest on network

- All health facilities

### Focus on main challenges

- Air, water, energy, waste, food, mobility, chemicals and pharma.
- Green procurement

### Research & Innovation

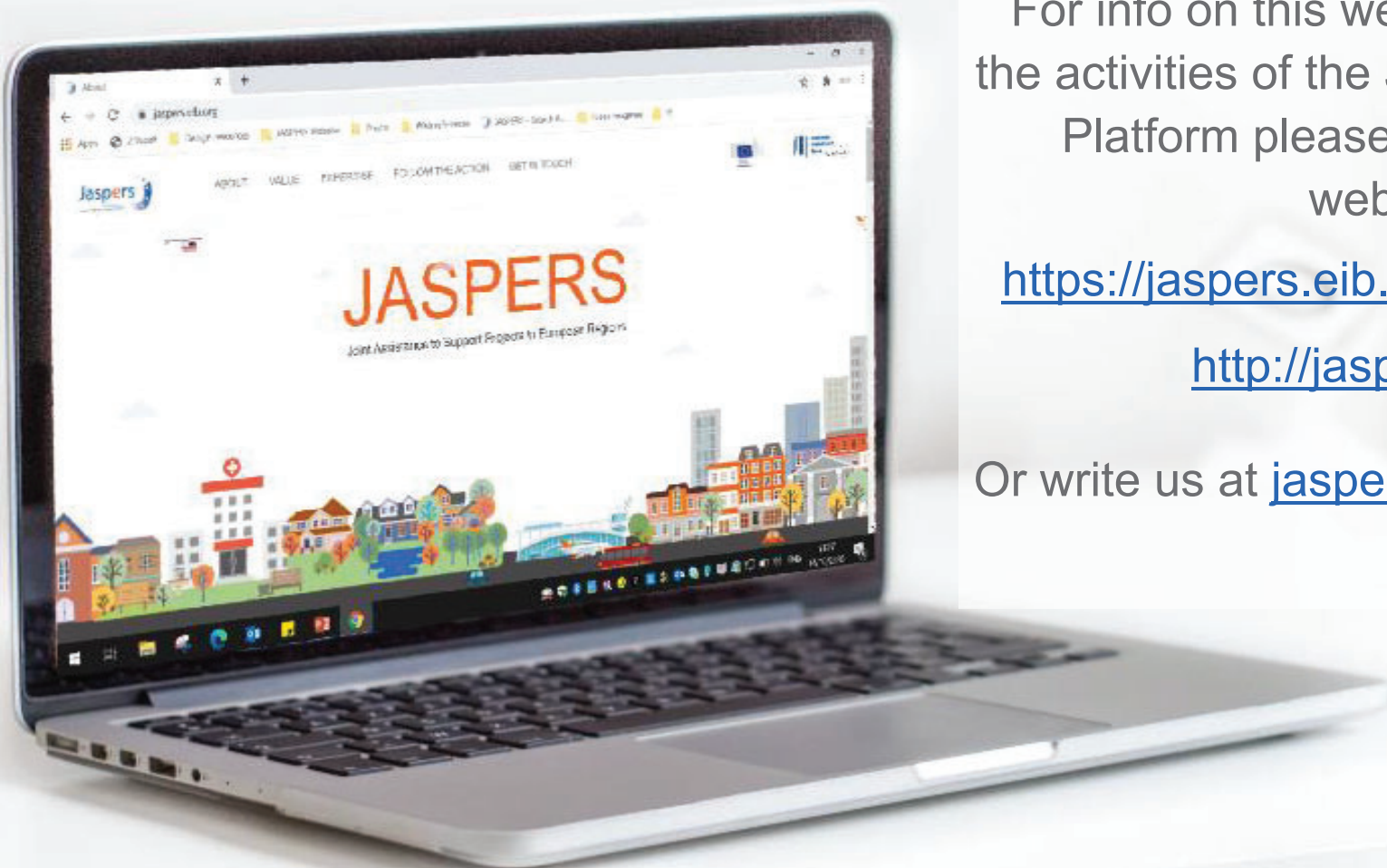
- Evidence based of impact on health

**But Hospitals still need:**

# Thank you



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