

Reims University Hospital

Phase 2 of the modernization and reorganization project for all activities located in the Robert Debré Hospital (HRD) and Maison Blanche Hospital (HMB) buildings.

CLIENT

Reims University Hospital

TEAM

Pargade Architectes – Lead Contractor (Architect, Environmental Quality, Landscape)
Patriarche – Co-contractor (Executive Architect, Signage)
Partners:
Edeis (Structural Engineering, HVAC, Electrical Systems, Thermal Engineering, External Works (VRD), Fire Safety Systems (SSI))
Delporte Aumond Laigeau
Haïku Architecture
Credits:
3D Renderings: RSI-Pargade Architects

KEYPOINTS

Flexible and adaptable.
Flow management.
Smart building.
Well-being of patients and caregivers.

ENVIRONMENTAL PERFORMANCE

Low-carbon approach.
Circular economy.
Targeted compliance with RE2020 standards.

The modernization of Reims Hospital is planned in three phases. In collaboration with **Pargade Architects**, our mission focuses on Phase 2, which is dedicated to medical activities and operating theaters.

This new smart building, designed to accommodate 498 beds, is conceived with a comprehensive and complementary vision:

Flexible and adaptable thanks to the compact design of continuous floor plates. The simple and minimal load-bearing structure imposes few constraints on the layout, making future modifications easier. Units have been designed in continuity and based on similar principles to ensure complete flexibility in their allocation.

Energy- and cost-efficient, thanks to high-performance insulation, a carefully balanced ratio of glazed and solid façade elements, and technical systems that are efficient, robust, and easy to maintain.

Easy and safe to use on a daily basis, thanks to Level -2, which is dedicated to logistics and enables the functional, logistical, and technical distribution across all floors.

Digital-ready, to integrate new technologies for patient journey tracking and medical record management, as well as equipment monitoring and enhanced in-room comfort for patients.

Environmentally friendly, thanks to passive thermal comfort, green roofs, planted patios with in-ground vegetation, and the use of low-carbon materials.



Typology	Construction cost	Status
Healthcare	124 M€	In progress
GFA	Location	Type of contract
52 470 m²	Reims, France	Public Project Management

Our design approach

Patients and caregivers are placed at the heart of the design.
Well-being, ergonomics, comfort, and efficiency: key focus areas.

Transforming the patient experience

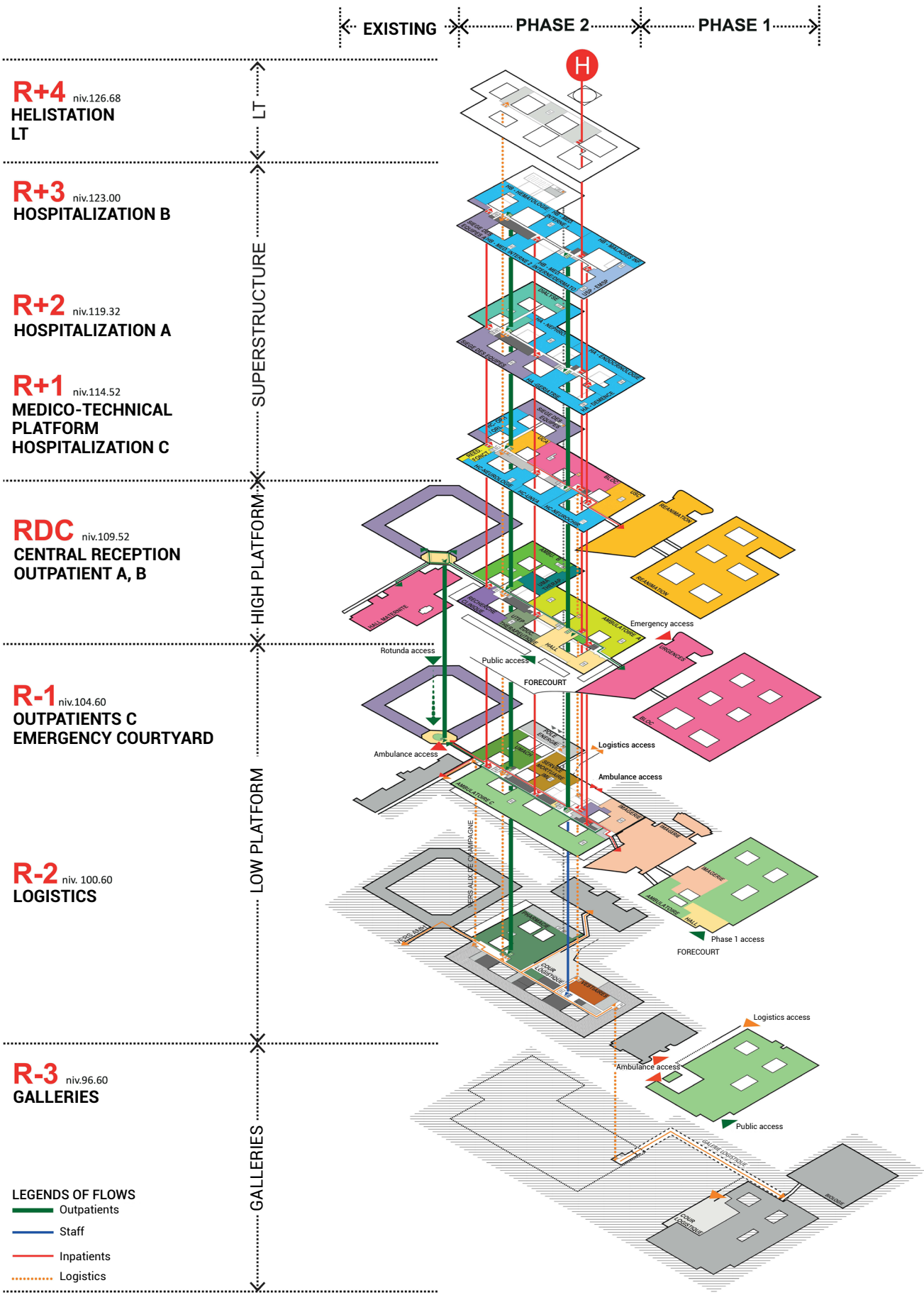
"Hospitality" is at the heart of our design. This building will create a true healing environment. For the well-being of patients, we have designed:

- Units organized around large planted patios, bringing in natural light and greenery
- Bright, open circulation areas facing these patios, which serve as landmarks through their distinct color and vegetation treatments
- Reception desks at the entrance of each department, helping patients feel welcomed
- Comfortable and personalized rooms, featuring soft and soothing colors
- Caregiver spaces located at the heart of each unit, ensuring proximity and reassurance for patients, while allowing staff to monitor them more easily
- Simple and colorful signage, enabling even disoriented patients to find their way in the large building
- Façades designed for comfort and climate adaptability, with enhanced insulation and solar protection

Providing a staff-friendly workplace

Staff are also at the center of our project's design, with the aim of providing an efficient, ergonomic, and comfortable workplace. To achieve this, we have envisioned:

- Caregiver spaces located at the heart of each department to reduce walking distances, all naturally lit and glazed along circulation paths
- Logistics rooms (clean linen, waste, cleaning, etc.) positioned close to care stations
- Wide corridors allowing easy crossing of beds, carts, and patients
- Easy and direct connections at levels -2, -1, and ground floor with other buildings
- A direct "red axis" connecting key areas, especially the helipad (+4), operating theater (+1), and imaging department (-1), via dedicated patient elevators



Intent – Design Choices



The Rotunda and its Galleries

This is a space for orientation, exchange, and information, but also a symbolic place that bridges history and modernity. We aim to restore its original architecture, including its dome. We propose creating a gallery on the upper level (ground floor) that radiates out like a star, connecting the various departments and the two monumental staircases.

At the access level from the square courtyard (Level -1), we plan a central reception area around which circulation flows, complemented by a waiting area for bedridden patients located opposite the patient drop-off zone.

This is also a multi-purpose space, capable of hosting various activities.

The connecting galleries from the rotunda are built in brick and reflect the architecture of the existing structure.



Reims Teaching Hospital

Typology	Construction cost	Status
Healthcare	124 M€	In progress
GFA	Location	Type of contract
52 470 m²	Reims, France	Public Project Management