

TOWARDS THE UNIVERSITY HOSPITAL OF TOMORROW

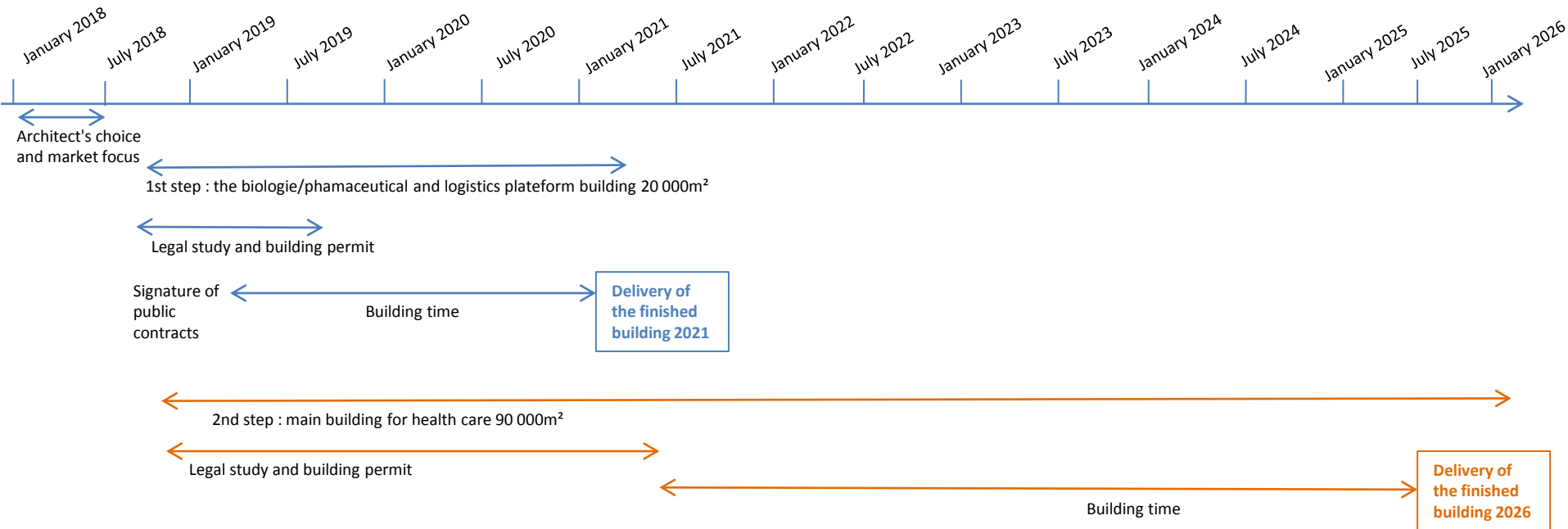


ici, nous construisons
l'**HÔPITAL** universitaire de demain

CHUCaen

la reconstruction du CHU de Caen

PLANNING PROJECT



Areas:

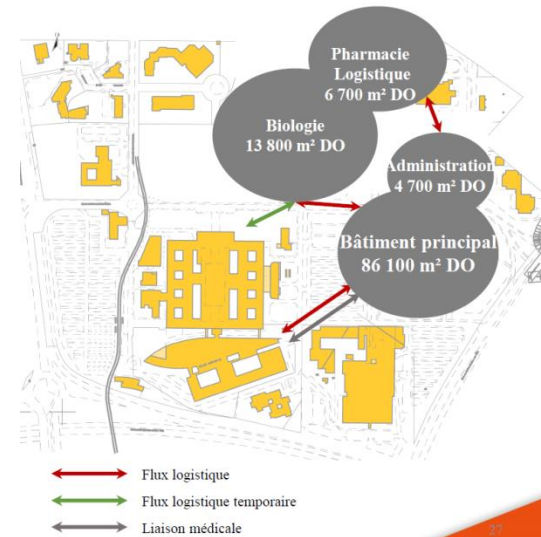
- Area in building work: 110 000 m²
- Land base of modifications: 12,5 Ha (about half of the Côte de Nacre site)

The costs :

- € 501 M TDC final value 2026
- Estimated works budget: €240 million before tax. Current value
- Equipment forecast budget: € 54 million After Tax. Current value
- Forecast Information systems budget: € 20 million After Tax. Current value

The capabilities of the new hospital:

- 1049 beds including 220 ambulatory beds and 138 critical care beds (excluding psychiatry, USLD, EHPAD or 348 beds and places) (-200 beds) => **797 additional beds**
- 35 operating theater rooms to be built (including 22 surgical, 9 interventional and 4 endoscopy rooms).
- 26 imaging rooms (including 4 MRIs and 4 scanners).



TARGET DIGITAL HOSPITAL AND SI

1- Digital system for the patient. A complete and open patient record on the city medicine

Within the hospital:

- Digital services available to patients throughout the site
- Home automation for patients in the rooms
- Connectivity between patient and family
- Accompanying patients as soon as they arrive: effective signage, simplified care process

Outside the hospital:

- Open information and accessibility tools for patients through the internet
- Facilitation of administrative procedures
- Remote follow-up of patients after discharge
- Management and follow-up at home or in other patient structures
- An interaction with the connected objects of the patients: glucometers, cardiac activity ...
- Interaction with the patient's home: technical follow-up at home (valid telemedicine), remote support

2- Digital system for health professionals

- Mobility of access to the Hospital Information System
- Advanced and nomadic communications
- A paperless care process
- Digital operating rooms: robot, imaging, anesthesia, environmental monitoring
- Access to the patient file outside the hospital:
 - For city medicine: better follow-up of the patient and his career
 - For CHU doctors: ward duties, on-call, diagnosis aids ...
- Training and Training Center
- Tele-medical expertise on the territory: tele-imaging, support of city medicine
- ...
- Facilitate research:
 - Digital proximity with the medical university
 - Big-data programs

3- Digital system for efficient services

- The operation of buildings:
 - Energy management
 - Integral BIM modeling
 - Advanced CMMS integrating all support processes (technical, biomedical, IT)
 - Help for computer seizures in operation: RFID, QR-codes ...
- Automation of logistics and internal transport
- Automation of the pharmacy and the drug distribution process
- Geolocation of objects (biomedical materials, everyday tools ...) for easier use and better management
- Dematerialization of archives: end of archived paper
- Computerized management of beds and places
- Dematerialization of the CHU's internal operating processes
- Modern and ecological datacenters
- Reduce repetitive human actions without added value

4- Digital system for security

- For the patient: Complete traceability of the patient's care path and securing the contents of the file:
 - Computerization of the monitoring of all the processes of care, in particular that of the drug administration
 - Simplified seizures and uses of the IS
 - Biomedical materials connected to the IS
 - Interaction with the patient's hospital environment: monitoring, air conditioning, location of patients at risk ...
- For hospital professionals:
 - Supervision cockpit for all infrastructures: energy, IT, fluids, air treatment, waste treatment ...
 - Automatic alerts of patients status to care teams
 - Computerized access control of buildings and exteriors
 - Smart video surveillance