

HUMANOIDS 2024 @ Nancy, France

Friday 22nd – Sunday 24th NOVEMBER 2024



<https://2024.ieee-humanoids.org/>

THEME: Cognitive Humanoids, Humanoids and AI

WHERE: NANCY



« Capital of Eastern France »

Middle of Europe, easy to reach by train

1h30 Paris Est 4h20 Zurich 5h40 London

Connected to international airports

1h15 Luxembourg 2h Paris CDG

University town

52 000 students



UNIVERSITÉ DE LORRAINE



Inria

TELECOM nancy

Ingénieurs du numérique • Inspiring your digital future

MINES nancy ARTEM



CentraleSupélec

NANCY



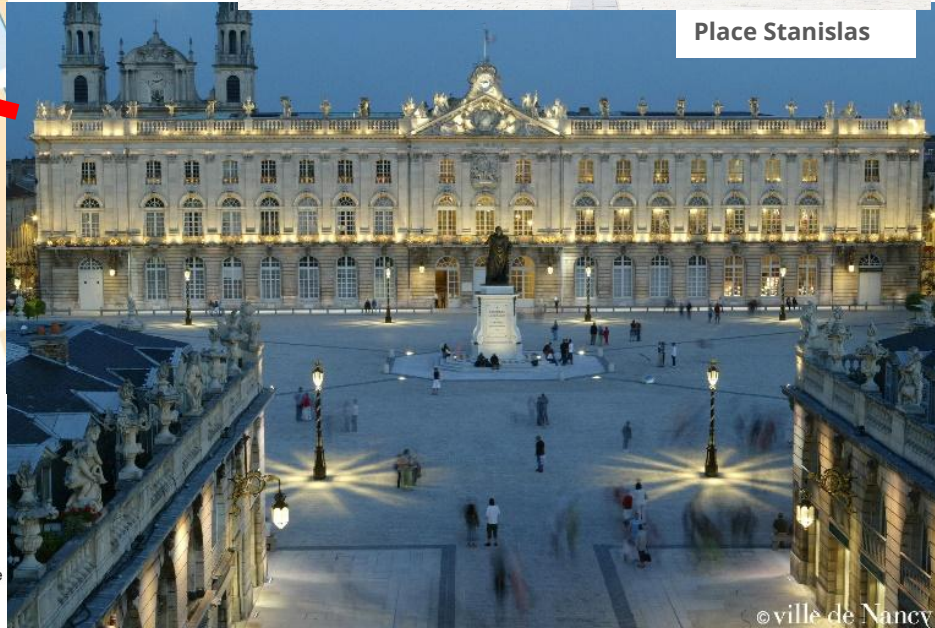
The capital of the Duchy of Lorraine. Everything at 10 min walking, in the historic city center.



CONF. VENUE



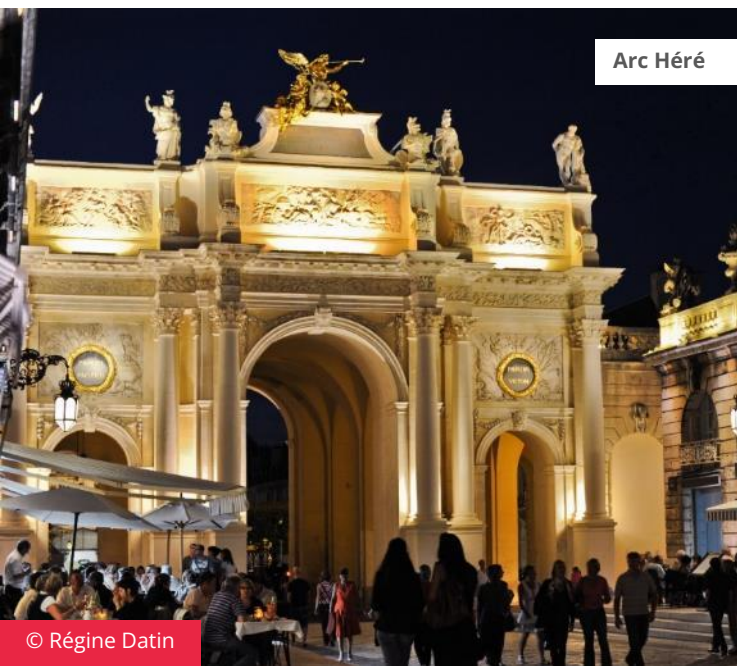
Place Stanislas




Organisation des Nations Unies pour l'éducation, la science et la culture


Places Stanislas, de la Carrière et d'Alliance à Nancy inscrites sur la Liste du patrimoine mondial en 1983

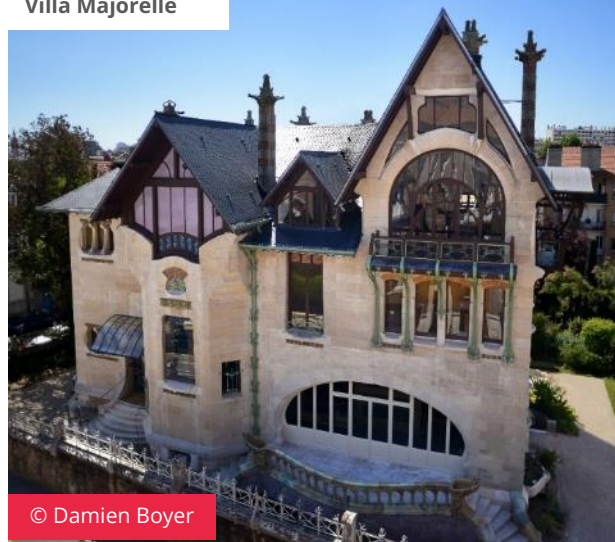
NANCY, France A CITY OF ART, HISTORY



Arc Héré

© Régine Datin

Villa Majorelle

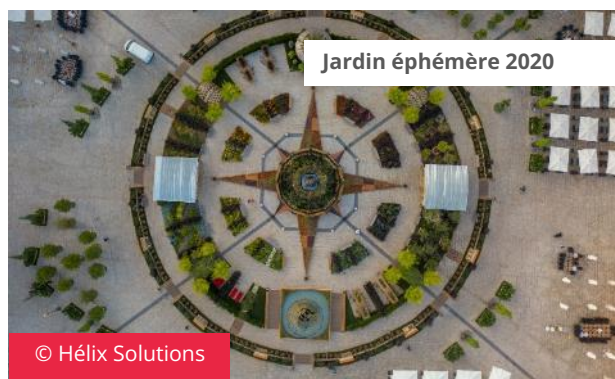


© Damien Boyer

Night projections, Place Stanislas



© Ville de Nancy



Jardin éphémère 2020

© Hélix Solutions



Parc de la Pépinière

© Régine Datin

Place Stanislas

24h City Pass offered!



© Ville de Nancy



Verrière Crédit Lyonnais

© Régine Datin



Restaurants Streets

© Régine Datin

Giant street art « Giulia »



© Régine Datin



Organisation
des Nations Unies
pour l'éducation,
la science et la culture



**Places Stanislas, de la Carrière
et d'Alliance à Nancy**
• inscrites sur la Liste du patrimoine
mondial en 1983





STANISLAS
LE GRAND
LE GRAND
LE GRAND







JUST WALK

Ville
Vieille



Place Stanislas



Opera national de Lorraine, Place Stanislas

FAREWELL PARTY



Organisation des Nations Unies pour l'éducation, la science et la culture

Places Stanislas, de la Carrière et d'Alliance à Nancy inscrites sur la Liste du patrimoine mondial en 1983



WELCOME PARTY



CONF. VENUE & BANQUET

Centre Prouvé - panoramic hall for banquet



Centre de congrès Prouvé



Grands Salons de l'Hôtel de Ville, Place Stanislas

© Vincent Damarin

VENUE: CENTRE PROUVÉ

2 WIFI
(including
EDUROAM)

© Atelier Marc Barani
Architecte / Olivier Dancy

AUDITORIUM 450-850 pp.

2 HALLS for
POSTERS

11 MEETING
ROOMS
WITH TV LED
& DAYLIGHT

WELCOME PARTY



BANQUET



FAREWELL PARTY



ENJOY THE FRENCH CUISINE !



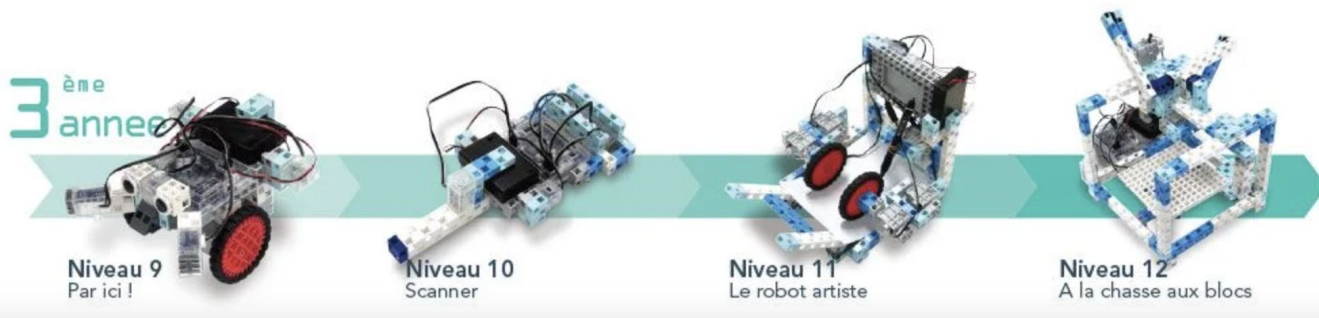
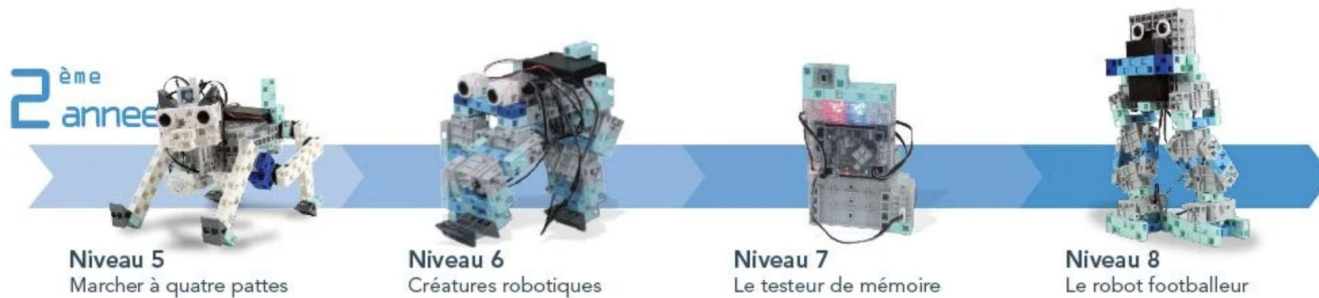
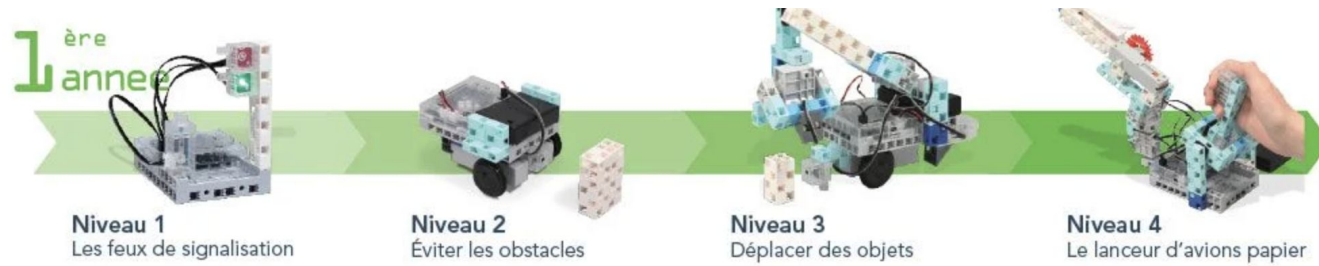
SUSTAINABILITY ACTIONS

- **No plastic:**
 - conference center is installing water fountains to refill bottles
- **Reduce waste:**
 - cutlery and lunch boxes made of wood and corn
 - reusable coffee mug offered with registration
- **Reduce CO2:**
 - Trains as primary form of transit for Europeans
 - 1 VEGAN lunch break for everyone



ROBOTICS FOR KIDS

- Robotics workshops for kids from 6 to 15 (Codeurs en Herbe / Algora)
- Outreach chairs studying options for older students



EXHIBITION & COMPETITION / HACKATHONS

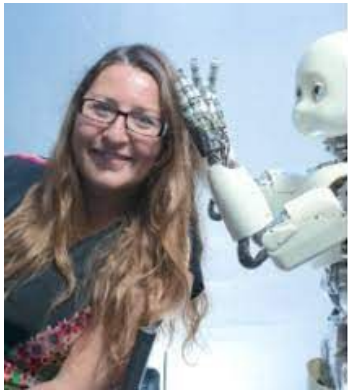
HALLS 1 ET 2

2 400m² of exhibition space, with ground floor access & logistics.
Open tour for schools and public.



- Flyer "save the date" circulating at Humanoids 2023
- Sponsorship package hopefully January 2024

ORGANIZING TEAM



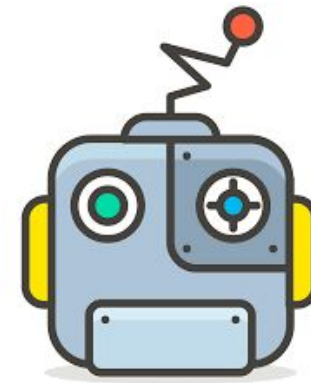
General
Chair



Program
Chair



Workshops



Program
Co-Chairs

ORGANIZING TEAM



Competition



Exhibition
& Sponsors

ORGANIZING TEAM



Local
Organization



Awards



Finance

ORGANIZING TEAM



Publicity



Outreach



Diversity & Inclusion



Publication



Sustainability



HUMANOIDS 2024

More details

ORGANIZING TEAM

General Chair	Serena Ivaldi (F)	Inria, France	https://members.loria.fr/SIvaldi/
Program Chair	Tamim Asfour	Karlsruhe Institute of Technology, Germany	https://h2t.anthropomatik.kit.edu/english/21_2372.php
Program Co-Chairs	Nancy Pollard (F) TBD	CMU, USA	http://graphics.cs.cmu.edu/nsp/index.html
Financial Chair	Daniele Pucci	IIT, Italy	https://www.iit.it/it/people-details/-/people/daniele-pucci
Publication Chairs	Pauline Maurice (F) Meghan Huber (F)	CNRS, France University of Massachusetts Amherst, USA	https://members.loria.fr/PMaurice/ https://www.umass.edu/robotics/people/meghan-huber
Publicity Chairs	Yue Hu (F) Luigi Penco Alexandre Pitti	University of Waterloo, Canada IHMC, Florida, USA ETIS, France	https://uwaterloo.ca/engineering/profile/y526hu https://www.ihmc.us/groups/luigi-penco/ https://sites.google.com/view/alexpitti/home
Outreach Chair	Marc Killpack Stephane Caron	BYU, USA Inria, France	https://www.me.byu.edu/directory/marc-killpack https://scaron.info/
Workshop Chairs	Olivier Stasse Noémie Jaquier (F)	CNRS, France KIT, Germany	https://homepages.laas.fr/ostasse/hugo/ https://njaquier.ch/

Industry Sponsorship Exhibition Chairs	Pierre-Brice Wieber Marco Hutter Francesco Ferro (I)	Inria, France ETH, Switzerland PAL Robotics	https://www.inrialpes.fr/bipop/people/wieber/ https://rsl.ethz.ch/the-lab/people/person-detail.MTIxOTEx.TGlzdC8yNDQxLC0xNDI1MTk1NzM1.html
Competition Chair	Daniel Leidner	DLR, Germany	https://rmc.dlr.de/rm/en/staff/daniel.leidner/
Awards Chairs	Ales Ude	JSI, Slovenia	https://abr.ijs.si/people/ales-ude/
Diversity & WIH Chair	Jessica Colombel Nadia Figueroa	CNRS, France UPenn, USA	https://members.loria.fr/JColombel/cv/ https://nbfigueroa.github.io/
Sustainability Chair	Adrien Escande	Inria, France	https://sites.google.com/site/adrienescandehomepage/
Professional Conference Organization	Ludivine Fluneau (F) François Tapissier	Dakini PCO, France	https://dakini-pco.com/
Local Organization Chair	Enrico Mingo Jean-Baptiste Mouret Valerio Modugno	Inria, France Inria, France UCL, UK	https://members.loria.fr/EMingoHoffman/ https://members.loria.fr/JBMouret/ https://profiles.ucl.ac.uk/88929-valerio-modugno



ABOUT NANCY
CITY, TRAVEL, HOTELS

A HISTORICAL CITY TO DISCOVER



Organisation
des Nations Unies
pour l'éducation,
la science et la culture



Places Stanislas, de la Carrière
et d'Alliance à Nancy
inscrites sur la Liste du patrimoine
mondial en 1983

1

Stanislas Square, UNESCO

(elected best Monument in France 2021)



1st

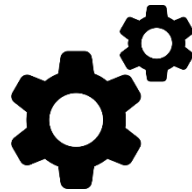
**Business center of the Region
Lorraine**

(walking distance from Conference
center: City Market, Mall)



52 000

students



4

Excellence

(Healthcare, Energy & Innovation,
FoodTech Grand Est, Arts & History)



23 000

companies



4

Remarkable Gardens & Parks

(Jardin Godron, Parc Sainte-Marie,
Jardin botanique du Montet & Parc du
Château de Fléville)



JUST WALK

Everything is in a 10 min
radius in the city center



3300+

Rooms in hotels

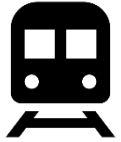


1500 rooms

< 10 minutes walking
distance from city center

TRAVELING TO NANCY

In the center of Europe: easy to reach by train. Trains to international airport hubs.



TRAIN

TGV train station in front of the conference center Centre Prouvé (1 min).

1h30

Paris Est

5h40

London

5h40

Amsterdam

5h30

Munich

1h15

Strasbourg

4h20

Zurich

5h40

Lausann
e

4h10

Frankfurt



FLIGHTS

Shuttle

30min

Metz-Nancy
airport

Car

1h15

Luxembourg
(international)

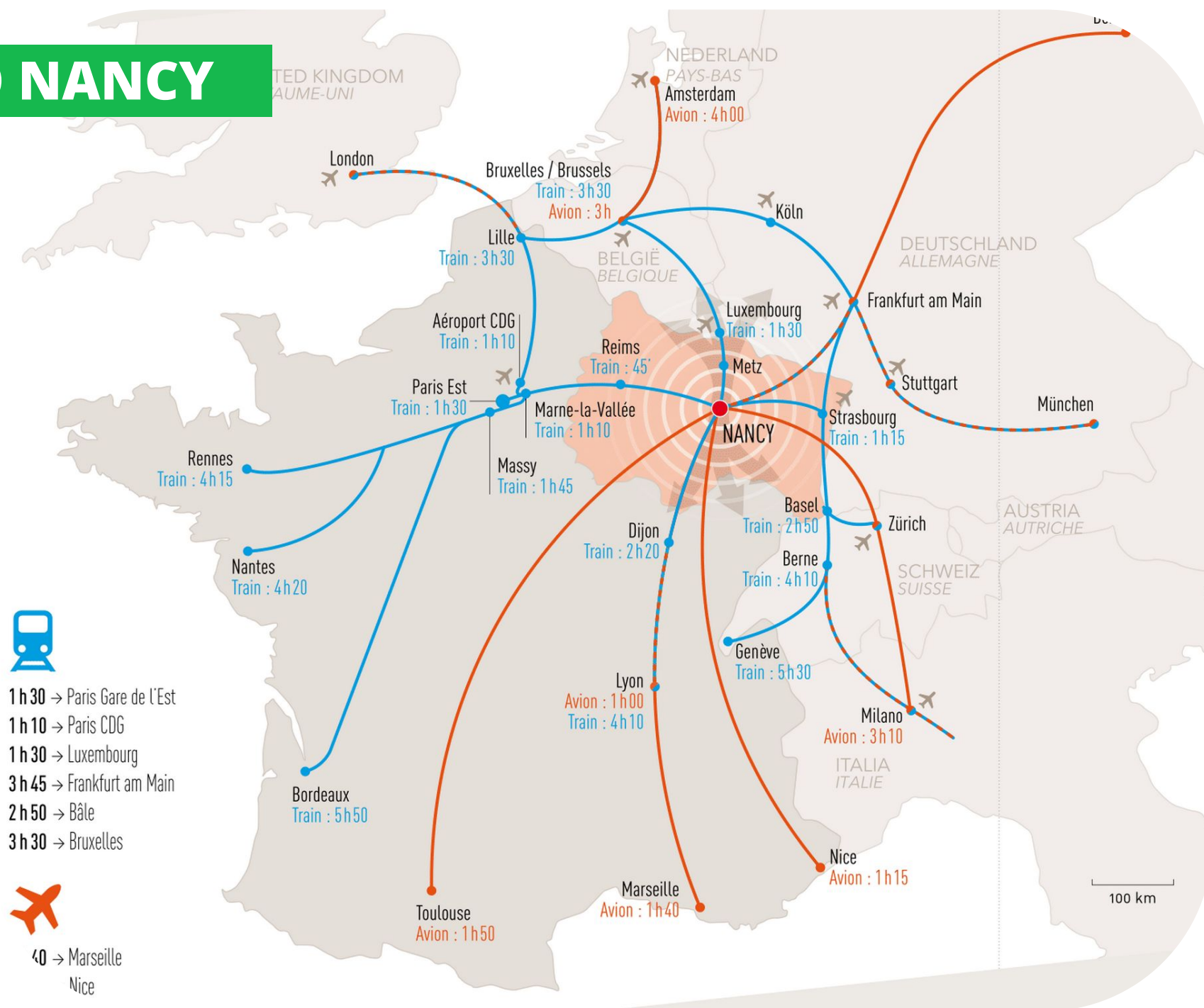
Train

2h

Paris CDG
(international)

- Aéroport régional de Metz-Nancy-Lorraine - 30 minutes from Nancy by car or shuttle bus from Nancy train station
- Aéroport international de Luxembourg - 75 minutes from Nancy by car
- Paris Airport Charles de Gaulle - 2h by train (fast train to Paris Gare de l'Est then TGV train to Nancy)

TRAVELING TO NANCY



- 1 h 30 → Paris Gare de l'Est
- 1 h 10 → Paris CDG
- 1 h 30 → Luxembourg
- 3 h 45 → Frankfurt am Main
- 2 h 50 → Bâle
- 3 h 30 → Bruxelles

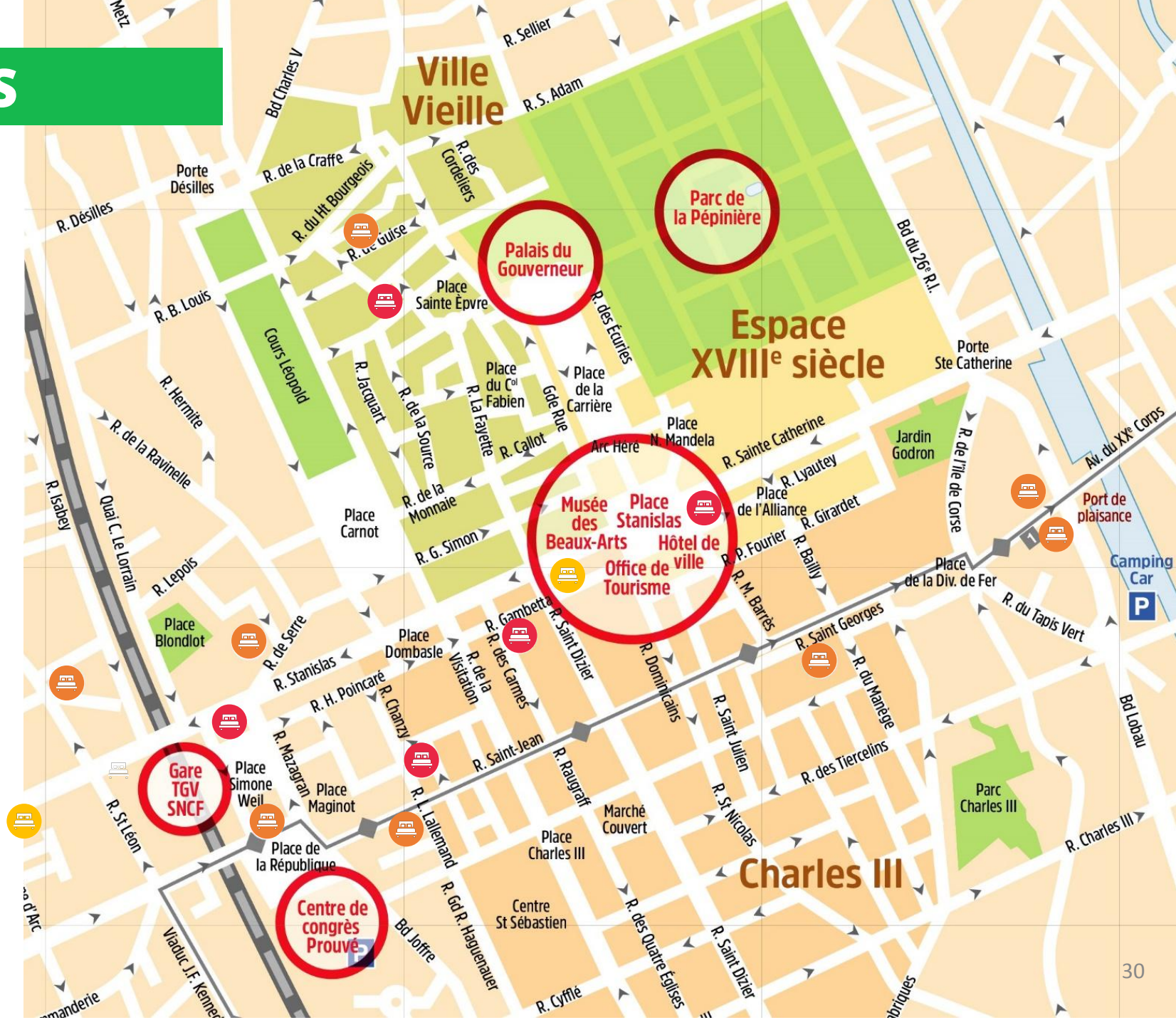


- 40 → Marseille
- Nice

100 km

HOTELS

Single/double
rooms
** : 65 to 105€
*** : 95 to 160€
**** : 140 to
205€



JUST WALK
Everything is in a 10 min
radius in the city center

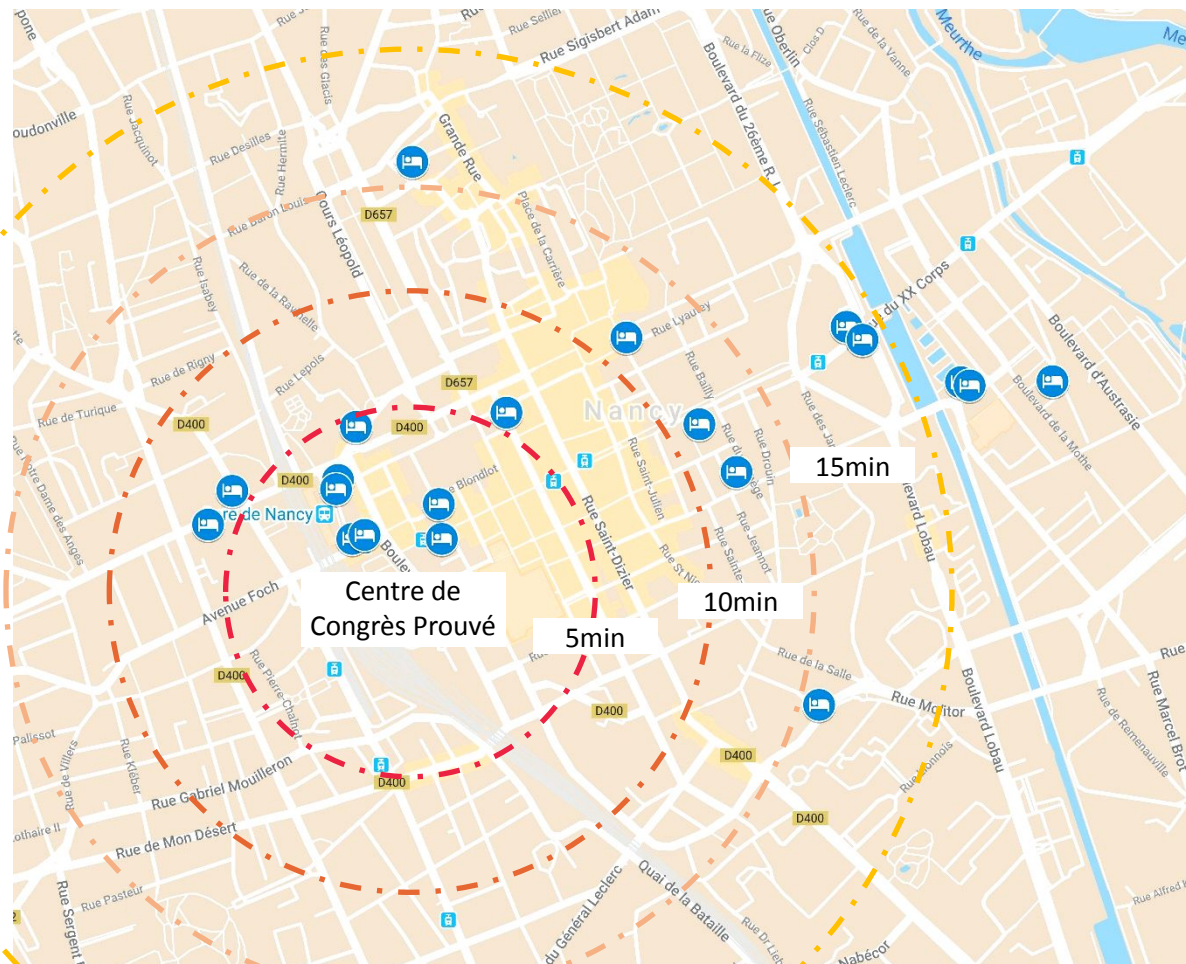


3300+
Rooms in hotels



1500 rooms
< 10 minutes walking
distance from city center

HOTELS



Over 1,500 hotel rooms in the city centre, including 216 2-star rooms, 662 3-star rooms and 201 4-star rooms (not including serviced apartments)

1500 rooms

< 10 minutes walking
distance from city center

Room booking service

Destination Nancy / Centre Prouvé provides a free **ONLINE HOTEL BOOKING PLATFORM** for groups and individuals, made **FREE OF CHARGE** for the conference participants. This features prior block bookings for the conference and online event registration as well as a hotel reservation form. **Hotel rooms have preferential rates.**

A screenshot of the Destination Nancy website for the CARO conference. The header features a decorative illustration of a building and a woman in a white dress and hat, with the text 'CARO NANCY 20 & 21 MAI 2022'. Below this, the conference title 'Congrès CARO (Club Anesthésie Réanimation Obstétrique)' and dates '20-21 mai 2022' are displayed. A vertical navigation menu on the left lists six steps: 0. Étapes de réservation, 1. Participants, 2. Hébergement, 3. Panier, 4. Coordonnées, 5. Paiement, and 6. Confirmation. The main content area contains text in French explaining the booking process and offering a 'Commencer l'inscription' button. The Destination Nancy logo is also present at the bottom.



VENUE & ROOMS

CONFERENCE CENTER PROUVÉ

CIRCULAR ECONOMY, SUSTAINABILITY,



1 min from the train station.



In the past it was a post office center. Logistics for exhibitions is very good.



Innovative and recent (2014) building of 20,000 m2 in the city center. Wifi + Eduroam.



Panorama over the roofs of the city. Building spaces and rooms with natural sunlight (even in winter!)



DESTINATION NANCY & CENTRE PROUVÉ

KNOWN FOR ITS ACTIONS FOR SUSTAINABILITY

Des actions concrètes pour des évènements responsables :

- **Responsible catering:** seasonal and local food, vegan and vegetarian options, no single use plastic, reducing waste
- **No food waste:** in 5 years : 4476 kg of food donated to Food Bank by 61 organizers
- **Waste sorting & recycling:** partner with CITEO to be more efficient
- **Energy saving:** water collector and solar panels on the roofs of Centre Prouvé
- **Local products and gifts**
- **Energy efficiency plan of the site**



CONFERENCE CENTER PROUVÉ

CIRCULAR ECONOMY, SUSTAINABILITY,



13

Meeting rooms



455

Parking places
onsite



2

auditoriums



Up to

1200

Dining seats in
the banquet
area



3000 m²

Exhibition Halls

Of which **2400 m²**

In a single room, served by a
ground-level logistic area



© Alix Haefner



© Alix Haefner



© Alix Haefner



© Nicolas Dohr

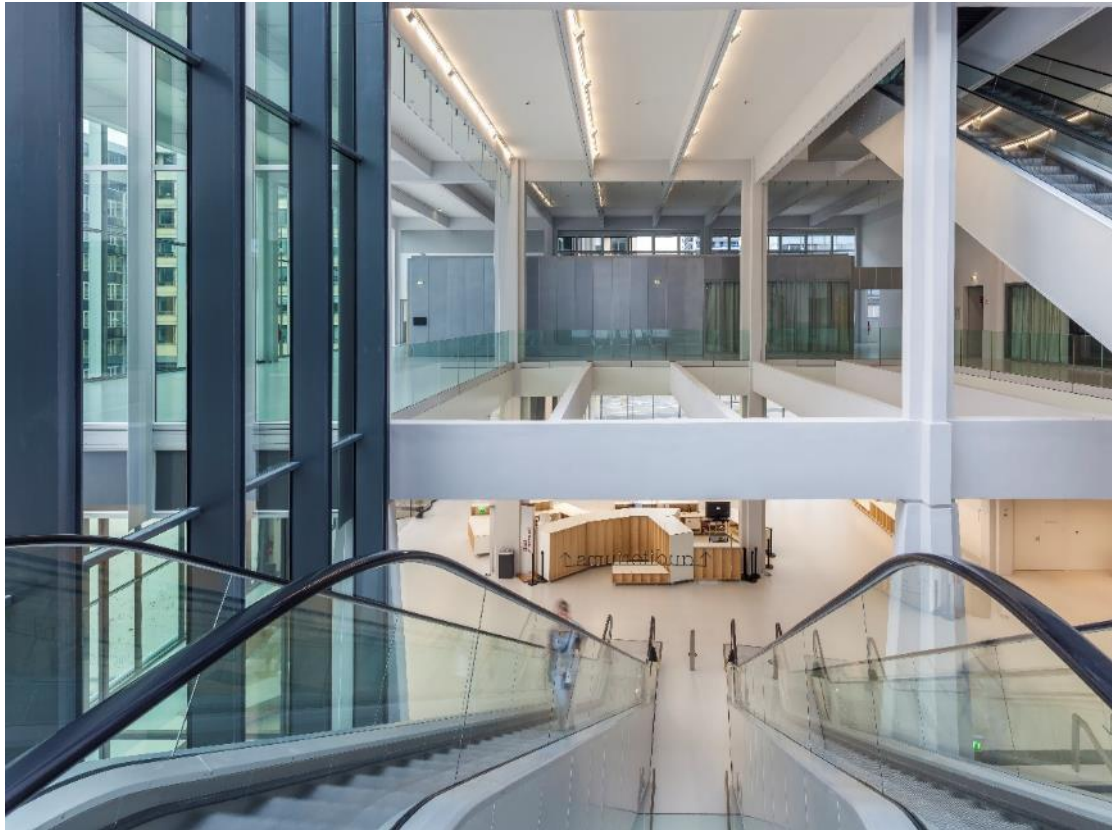
CONFERENCE CENTER PROUVÉ

LARGE SPACES AND ROOMS IN NATURAL DAYLIGHT

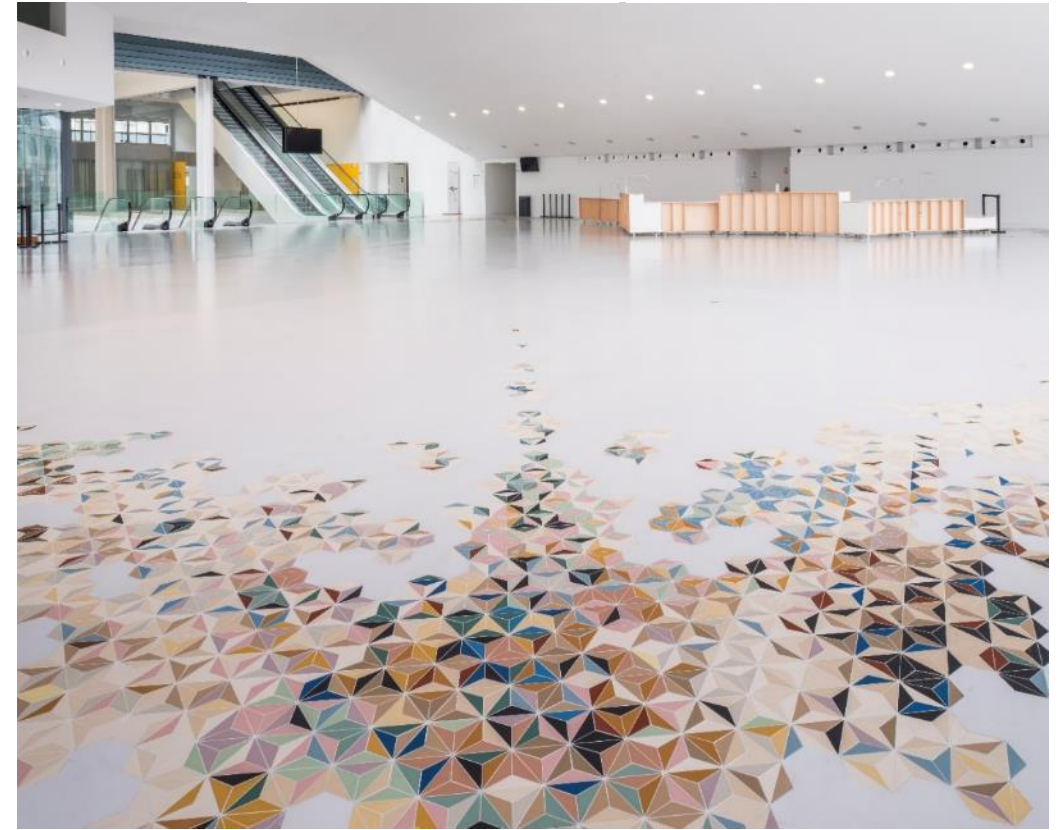
BRIGHT WHITE, GLASS AND TRANSPARENCE



PROUVÉ furniture!



© Atelier Marc Barani Architecte / Olivier Dancy

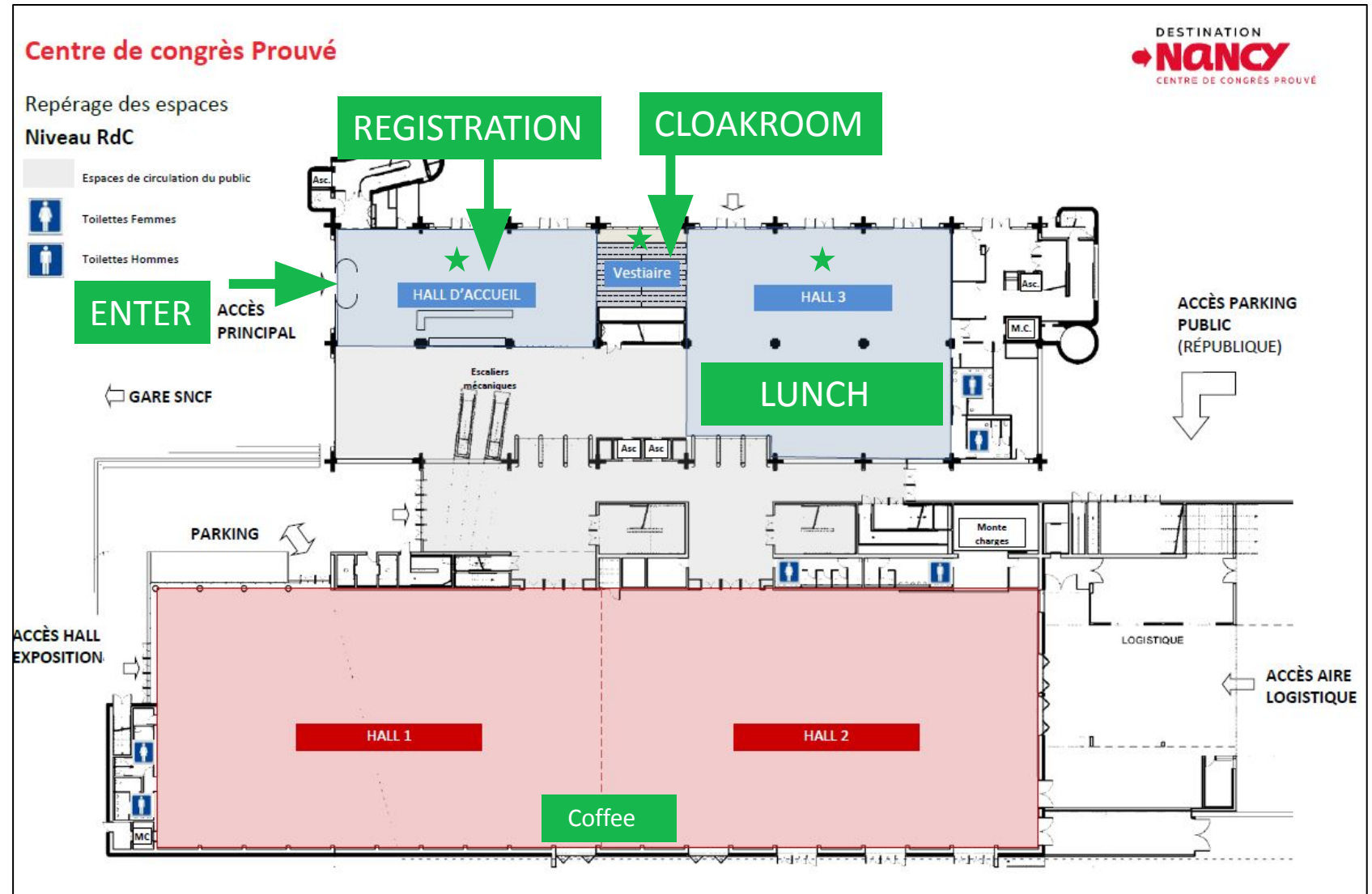


© Atelier Marc Barani Architecte / Olivier Dancy

REGISTRATION & FOOD/DRINK

GROUND LEVEL

- Welcome & registration
- Cloakroom
- Hall 3 : food & drinks
- Coffee breaks (2x3 days: morning & afternoon)
- Lunch (3 days: everyday)



WELCOME



CLOAKROOM



REGISTRATION



LUNCH AREA

WORKSHOPS

LEVEL 1 & 2

Centre de congrès Prouvé

Repérage des espaces

Niveau 1

- Espaces de circulation du public
- Toilettes Femmes
- Toilettes Hommes

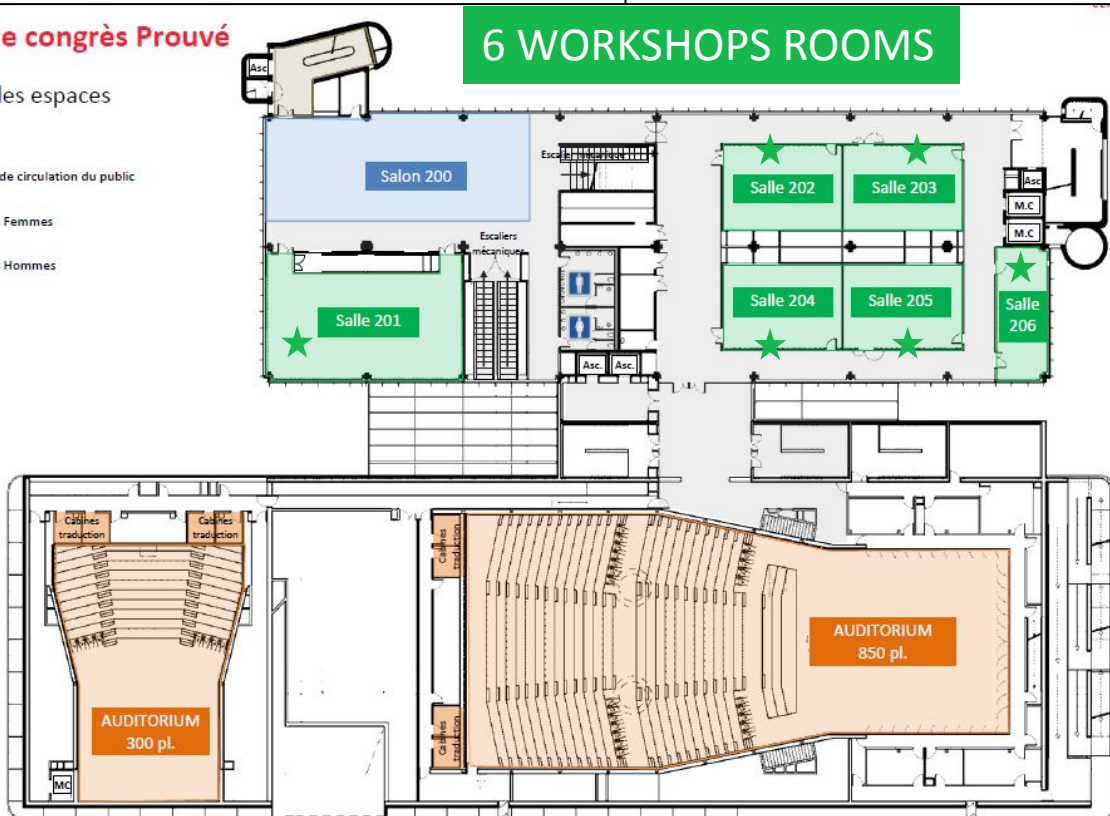


Centre de congrès Prouvé

Repérage des espaces

Niveau 2

- Espaces de circulation du public
- Toilettes Femmes
- Toilettes Hommes



WORKSHOP ROOMS

LEVEL 1 & 2



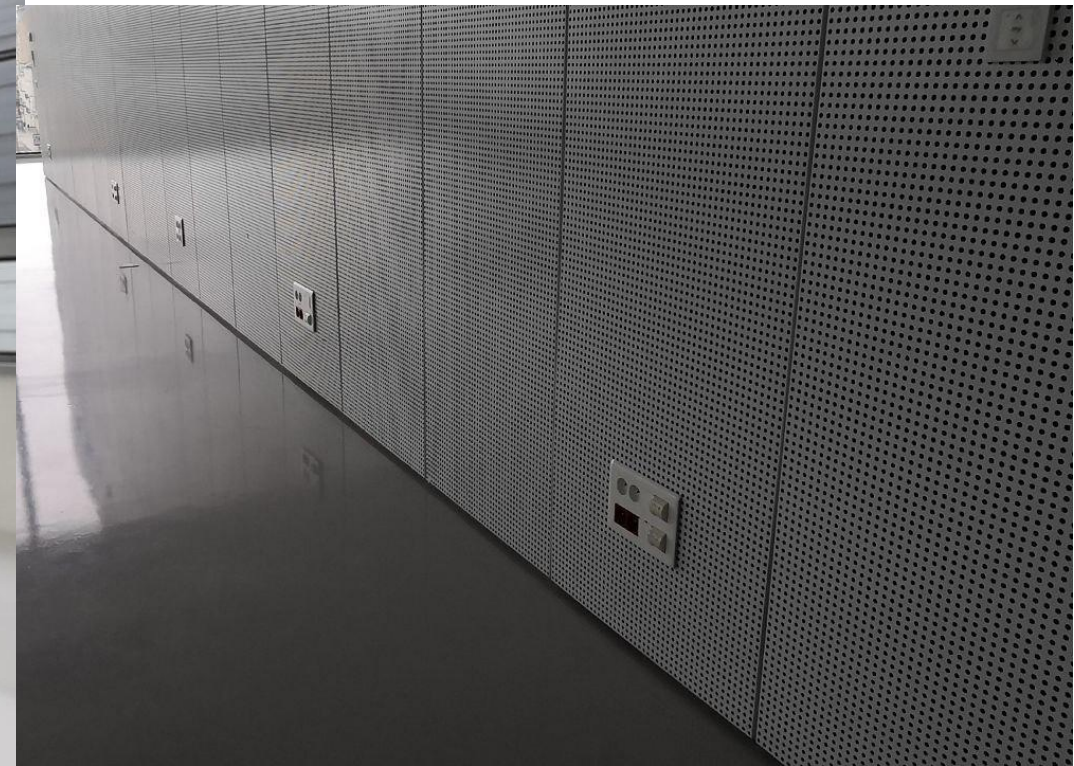
- All rooms have natural daylight
- No projectors, TV LED instead (works with daylight)
- 2 Wifi : Centre Prouvé + Eduroam



WORKSHOP ROOMS

LEVEL 1 & 2

- All rooms have natural daylight
- No projectors, TV LED instead (works with daylight)
- 2 Wifi : Centre Prouvé + Eduroam



POSTERS

LEVEL 1

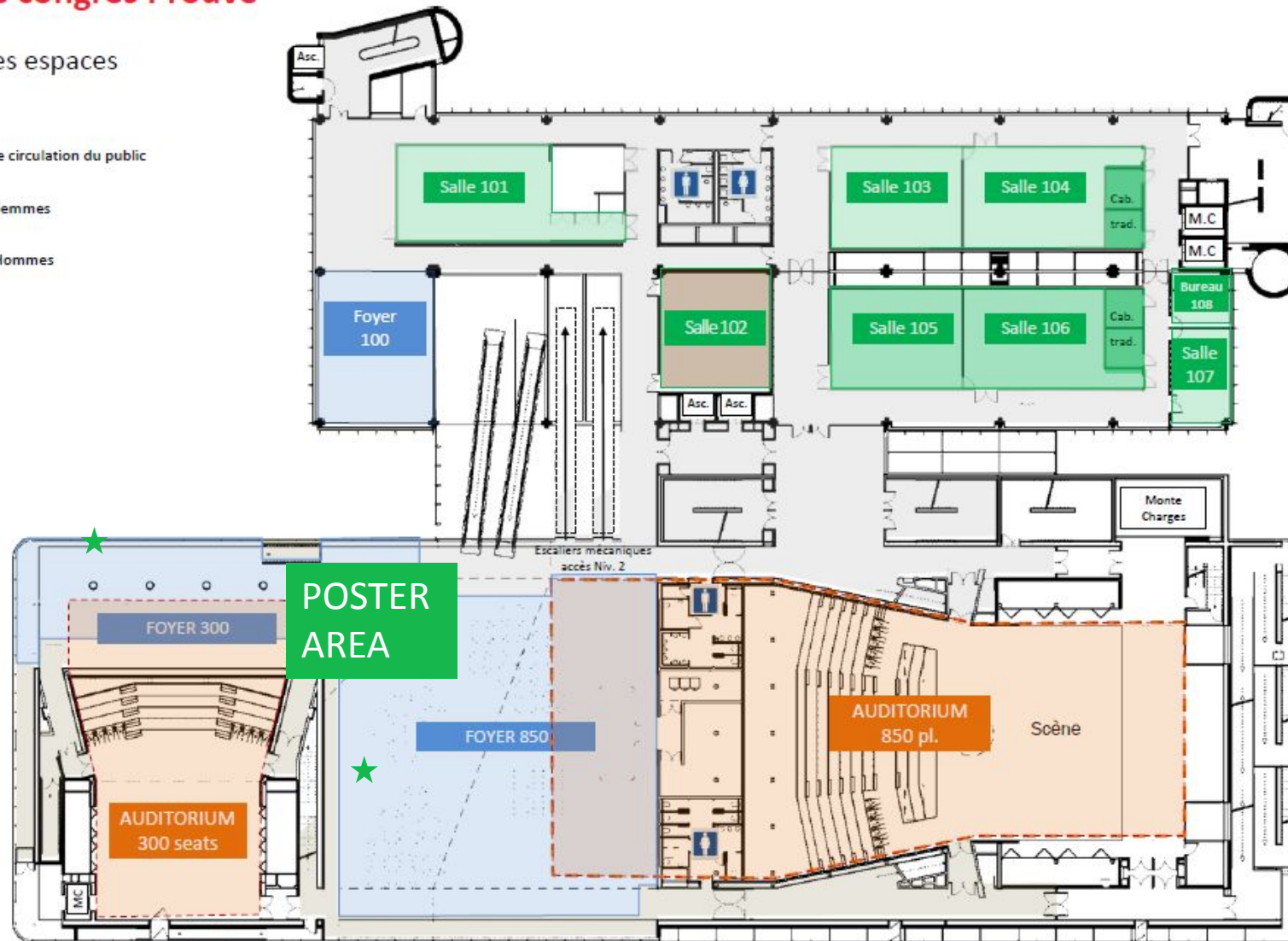
Foyer is ideal to walk through poster stands (big space, natural light).

Centre de congrès Prouvé

Repérage des espaces

Niveau 1

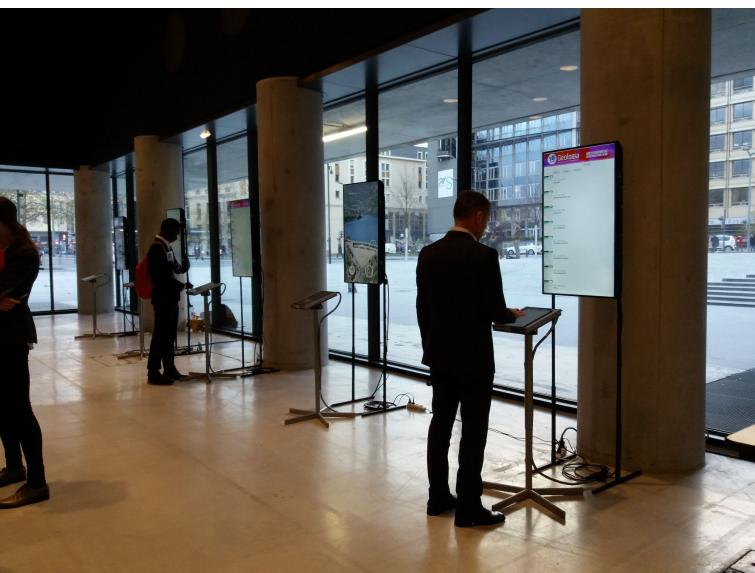
- Espaces de circulation du public
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POSTERS

LEVEL 1

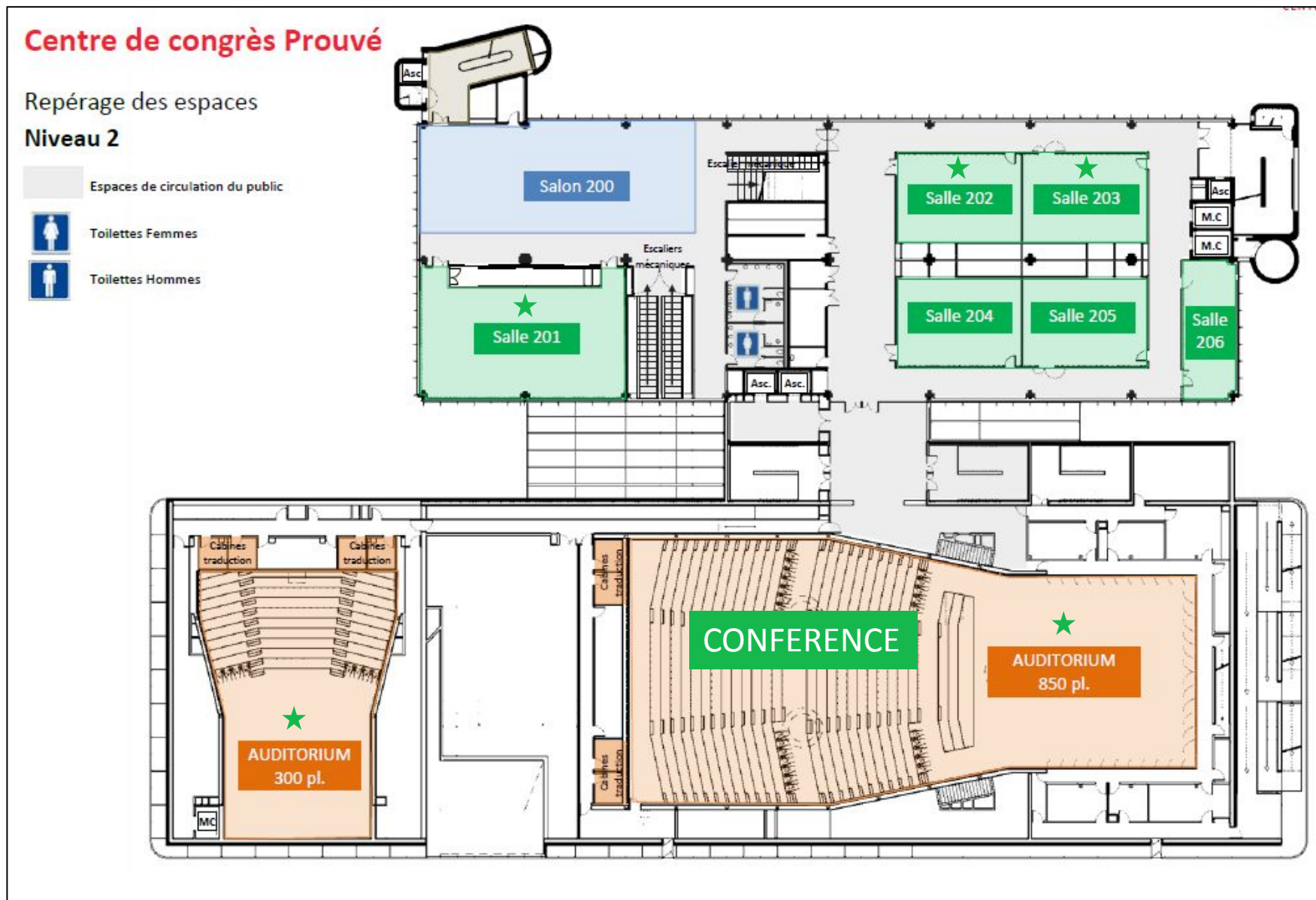
Foyer is ideal to walk through poster stands (big space, natural light). Printed posters will be used.



CONFERENCE

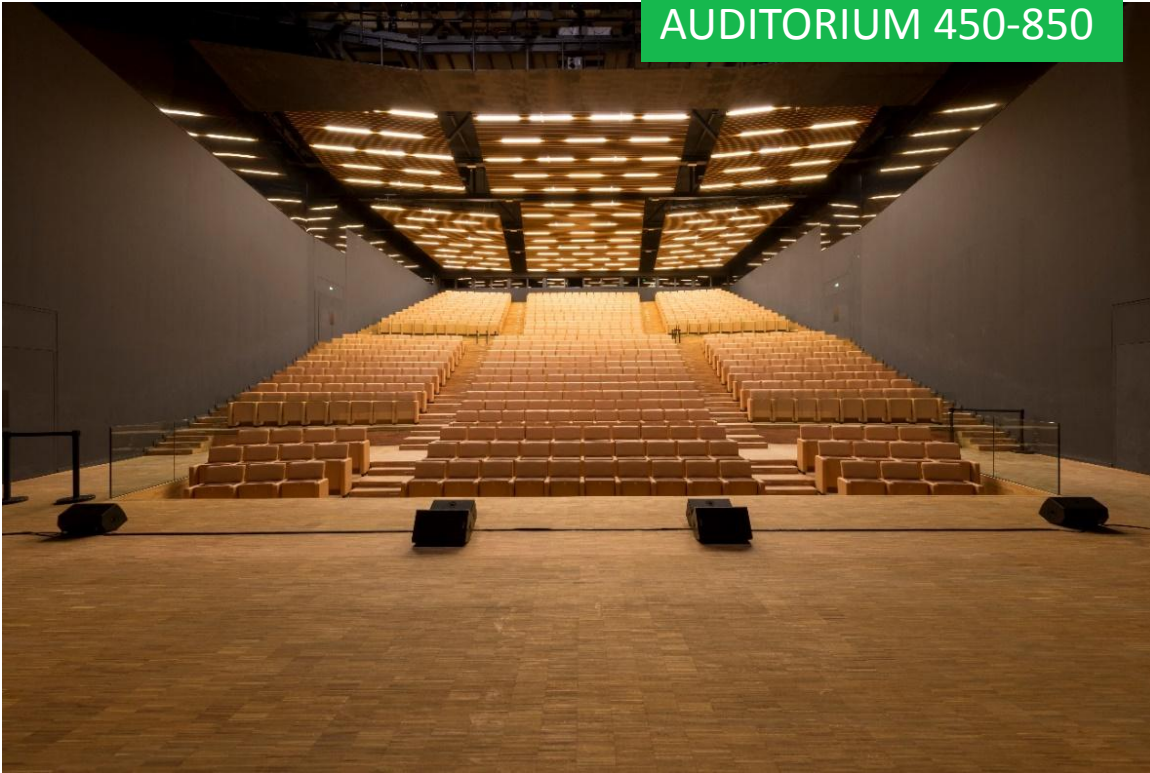
LEVEL 1&2

- Auditoriums:
 - 1 for 450-850 seats
- Speakers have cabled internet in the technical room.
- 2 Wifi in auditorium: Centre Prouvé + Eduroam



AUDITORIUM

AUDITORIUM 450-850



© Olivier Dancy

Robots or equipments can be moved from the exhibition area directly onstage through a specific elevator.



© Vincent Damarin, SYT 2022

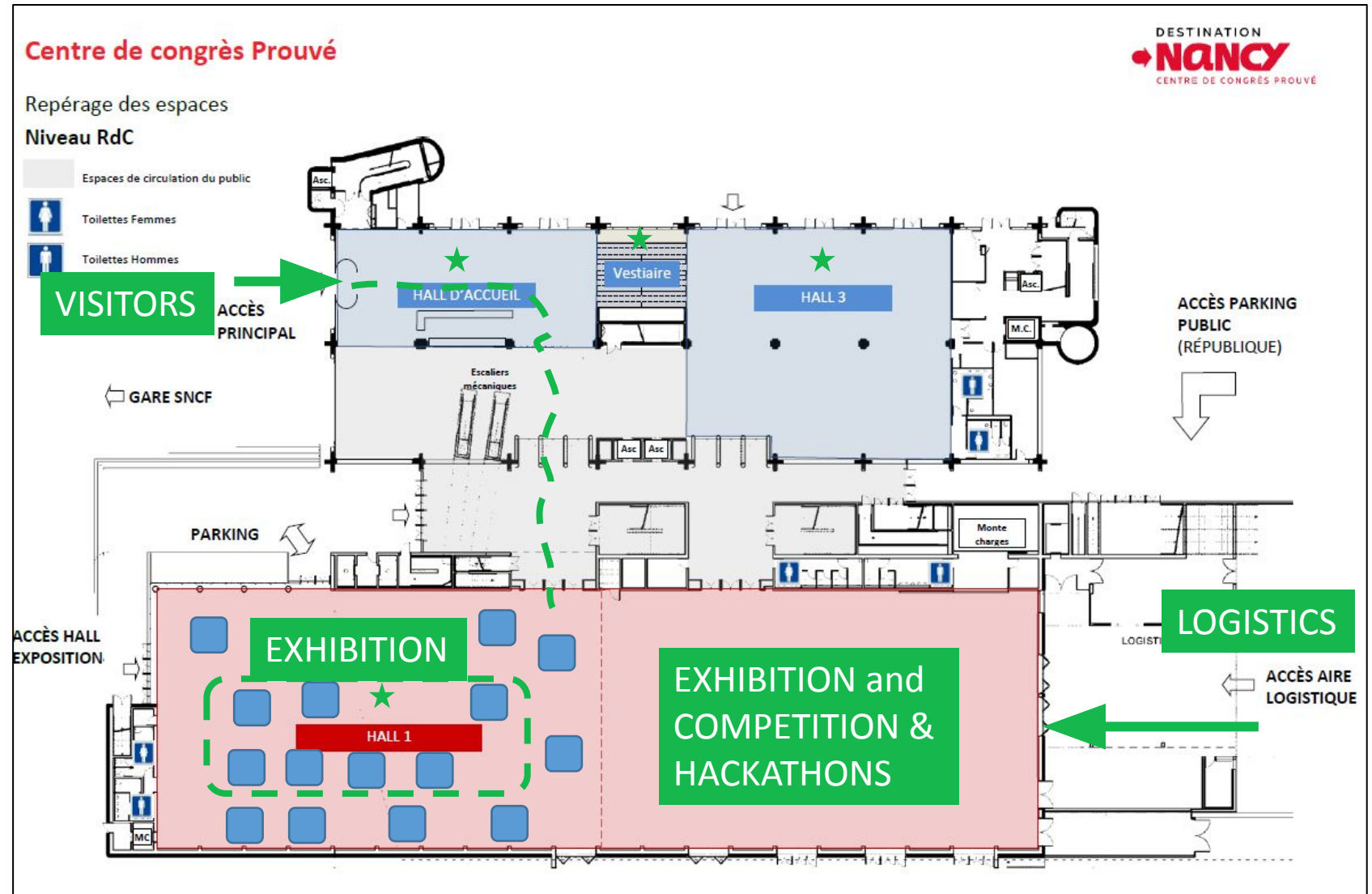


**EXHIBITION &
ROBOTICS COMPETITIONS /
HACKATHONS**

EXHIBITION

GROUND LEVEL

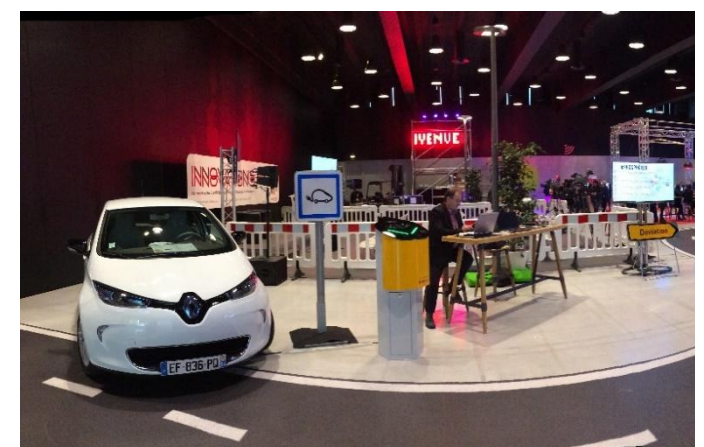
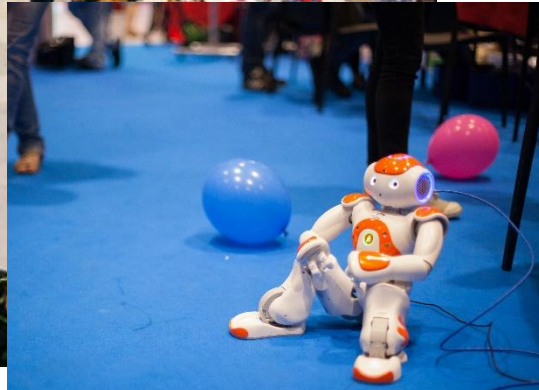
- 2 Halls
- Direct access to logistics and storage for robots and exhibition equipment at ground level, with security.
- Access for visitors (schools, public...).
- Enough space also for robotics competitions & hackathons.



EXHIBITION & COMPETITION / HACKATHONS

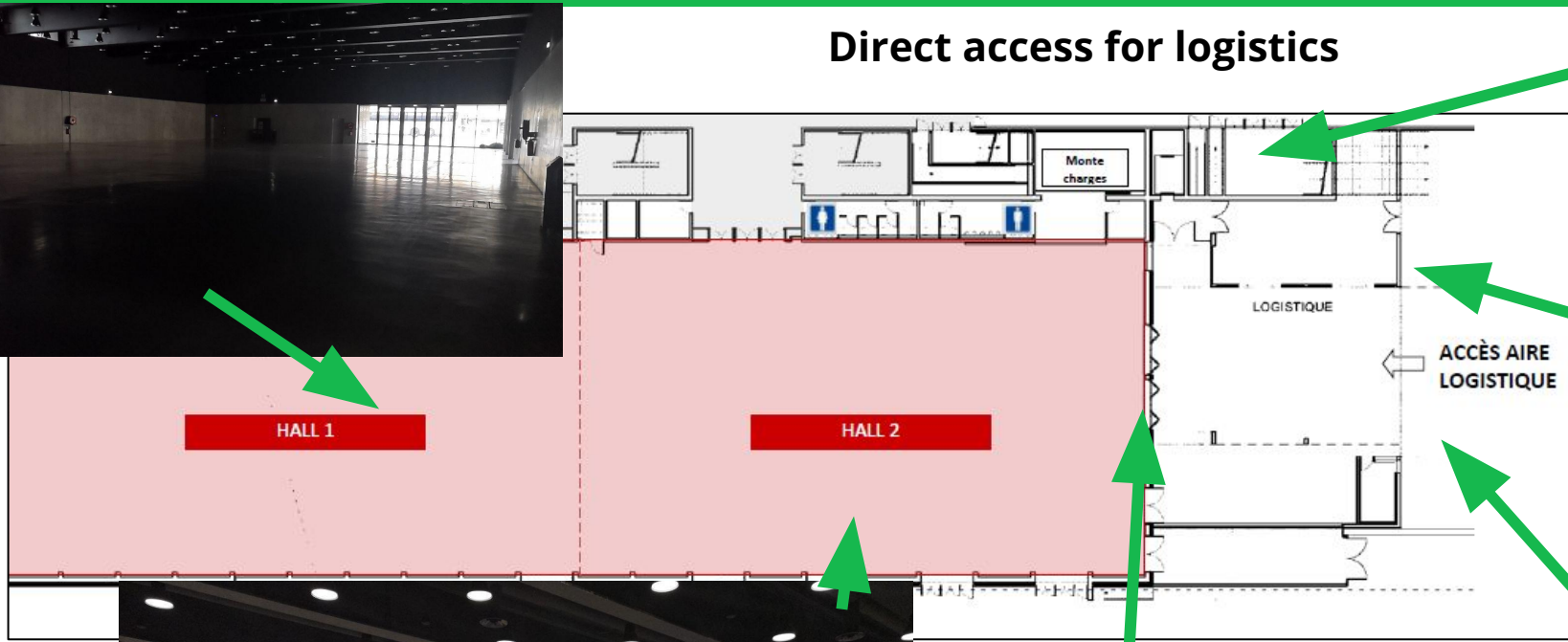
HALLS 1 ET 2

2 400m² of exhibition space.



EXHIBITION & COMPETITION / HACKATHONS

Direct access for logistics



From logistic area to the street



BANQUET

BANQUET

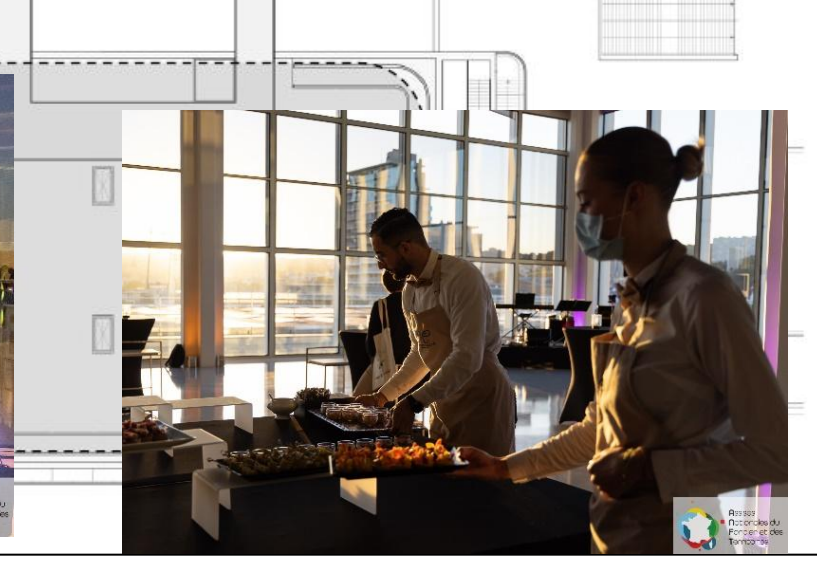
LEVEL 3

- In Centre prouvé, top floor
- Panoramic space for seated receptions, up to 850 seats.

Centre de congrès Prouvé

Repérage des espaces

Niveau 3 mezzanine



BANQUET





IDEAS FOR TOURISM

HISTORIC SITES



Palais du Gouvernement, place de la Carrière
© Régine Datin

SAINT NICOLAS PARADE

DATE TBC



HOT SPRING / THERMAL BATHS IN THE CITY



Nancy Thermal
© Architectures Anne Démians