



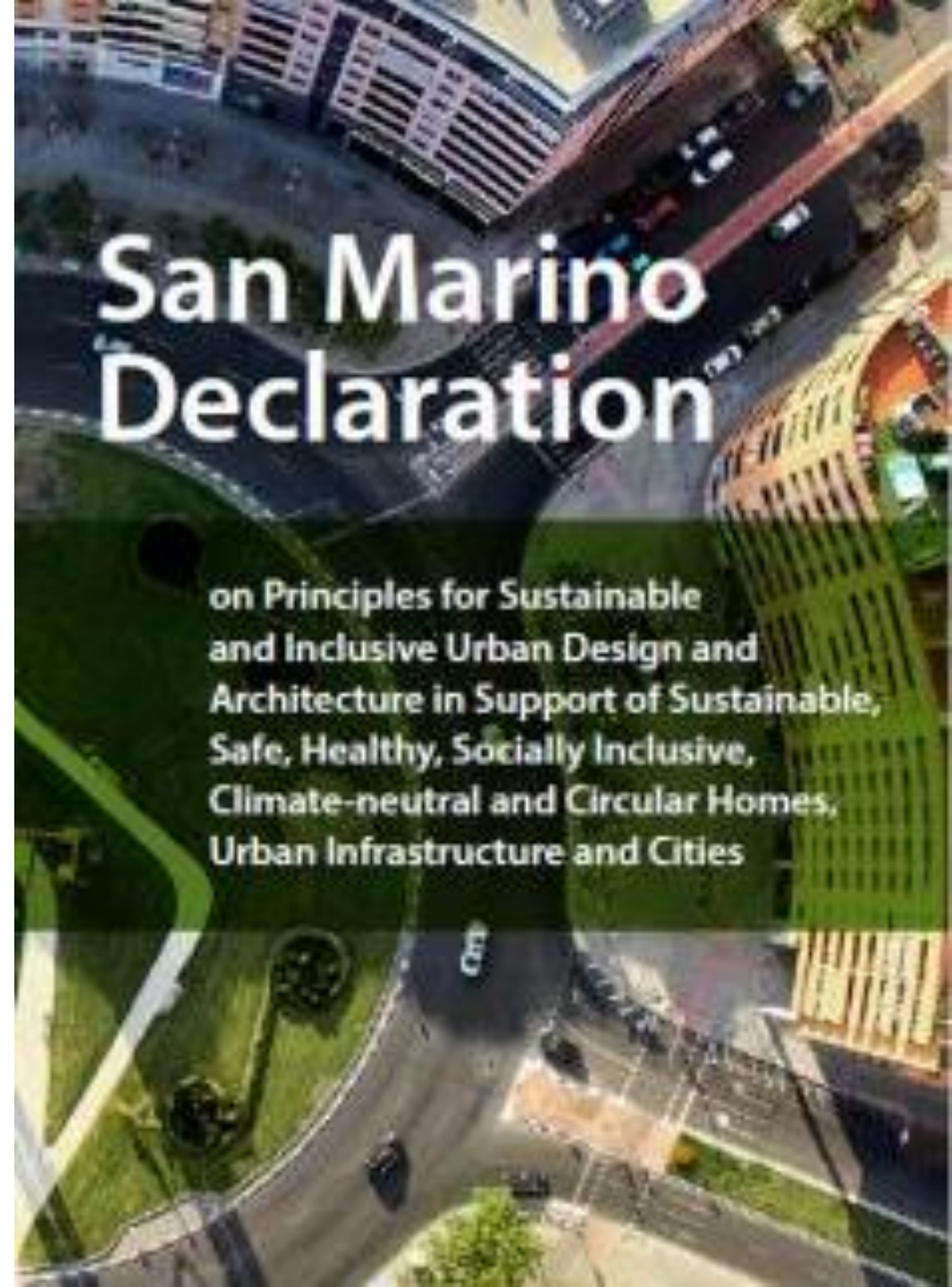
## UNECE 84th session of the Committee on Urban Development, Housing and Land Management

Sustainability driven Resilience Building through Inclusive Design in Geneva

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# 1- San Marino Declaration agreed Principles

1. People-centrality, social responsibility and inclusivity
2. Cultural identity, values and heritage: buildings as well as the cultural values
3. Resource efficiency and circularity
4. Safety and health (..green areas and urban forests accessible to all)
5. Respect for nature and natural systems and processes
6. Climate neutrality
7. People-smartness ( technology for greater livability for all)
8. Resilience, durability, functionality and foresight
9. Affordability and accessibility ( to all citizens)
10. Inter-disciplinary cooperation and networking ( accounting all needs across race, age, gender, culture, financial availabilities)

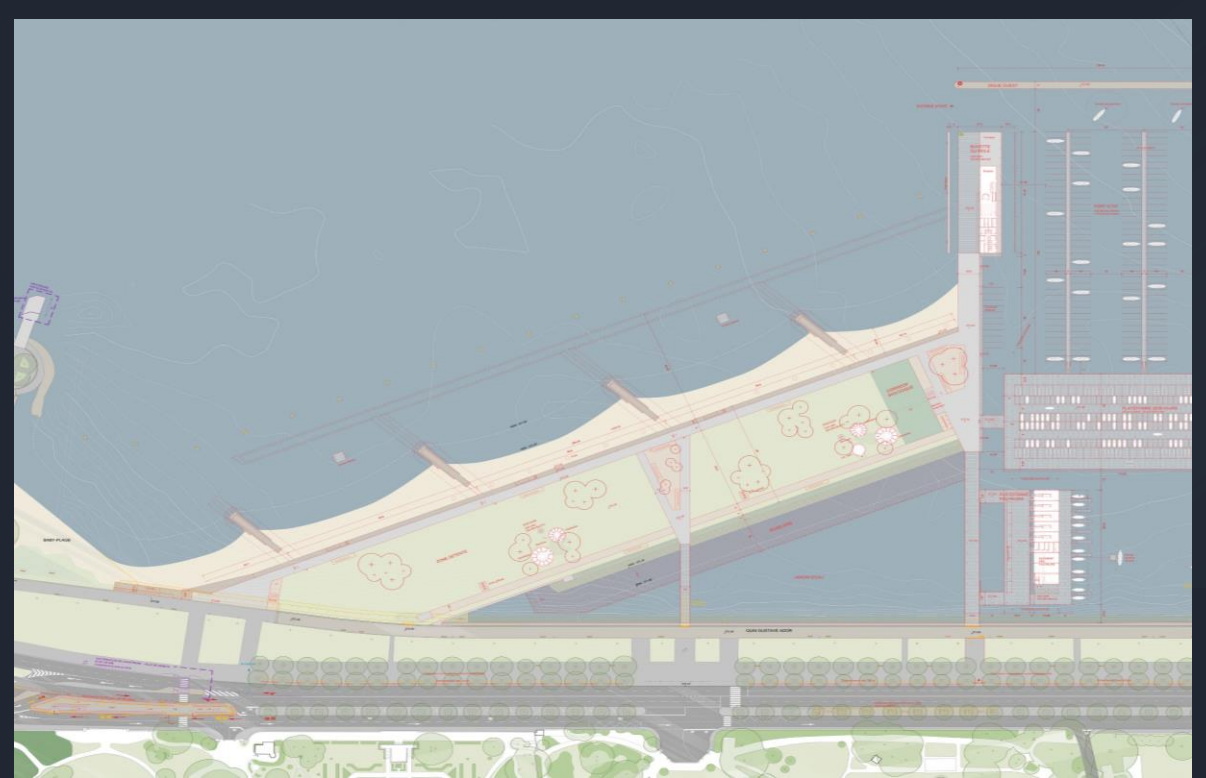
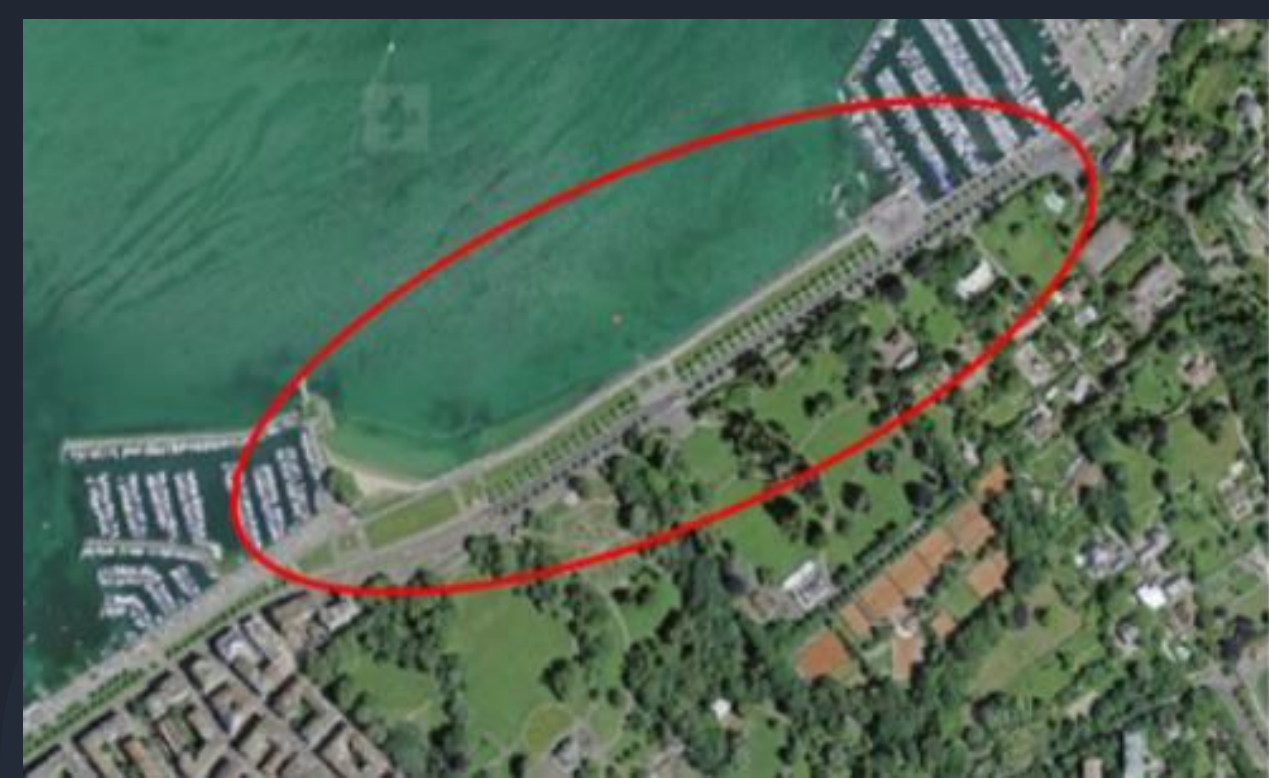






# Geneva's Strategy through 3 projects

- *Retrofitting Projects : Small Lake ( Jet d'eau) and Jardin Anglais (Access to Jet d'eau, Drinking fountain for reduced mobility )*
- *Public Health in Urban Areas : Urban Oisis*
- *New Greening/ Recreational Projects : Plage des Eaux-Vives*



# 1- Plage des Eaux-Vives

- 400 meters of beach in total (i.e. 100 meters more than in 2019)
- A park of two hectares of greenery (i.e. double the area available in 2019).
- The beach is built on fill. Between 60 and 80 trucks per day delivered rocks extracted by the various building sites of the canton.
- Balancing the minimized use of fill and stilts not to disturb the natural lake dynamics while expanding the recreation space for general public in the city.
- A reed-bed separate the road from the public beach, park and the port.
- The pier hosts an all-glass bar and restaurant on stilts.
- The pier also hosts fish breeding from the lake, for educational purposes.
- Extension of the Marina and the direct access to the lake





# 1- Plage des Eaux-Vives

- Two reduced mobility associations CFRGe ( Club en Fautueil Rouland) and HAU (Handicap Architecture Urbanisme) were both included in continuous consultations by the City and the Canton .
- The reiteration process has shown that it is important to involved the special needs groups as early as possible from co-creation phase to adjust the project address special needs of all citizens
  - The shower, was created on the proposal of the CFRGe and integrated into the project while this was not the case initially.
  - A concrete path allows the use of a wheelchair from the beginning of the beach up to the suitable ramp allowing access to the water.
  - A water wheelchair (amphibious wheelchair), on which the people can transfer to go into the water and accessible toilets

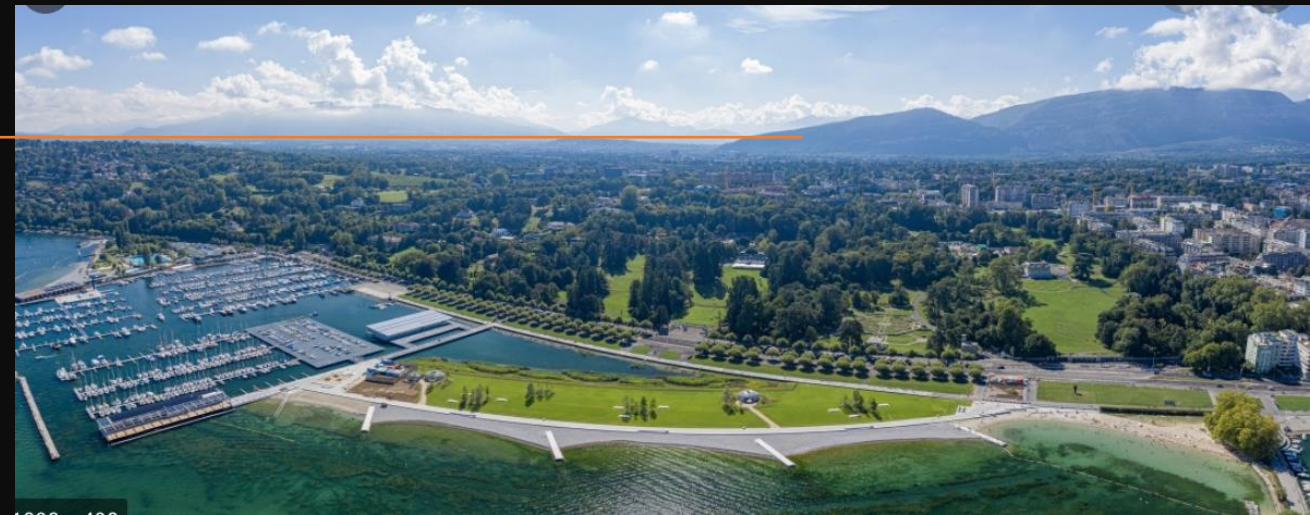




- The City and the Canton are well involved in this process of inclusion, the position of reduced mobility associations such as **Association Handicap Architecture Urbanisme (HAU)** has been part of the process from the beginning and a real effort has been made to respect accessibility standards.

- This project demonstrates that working in good intelligence and Continuous consultation with involved stakeholders as well as citizens representatives need to be consistent from co-defining the problem to codesigning the solution.

- Plage des Eaux-Vives illustrate the importance of early involvement of representatives of population and end-users with specific needs or concerns to insure horizontal and vertical integration of the SDGs (the integrated and indivisible natures of the SDGs) towards building resilience while deploying fundamental elements of sustainable project ( Biodiversity, quality public space and recreation, circularity etc.).

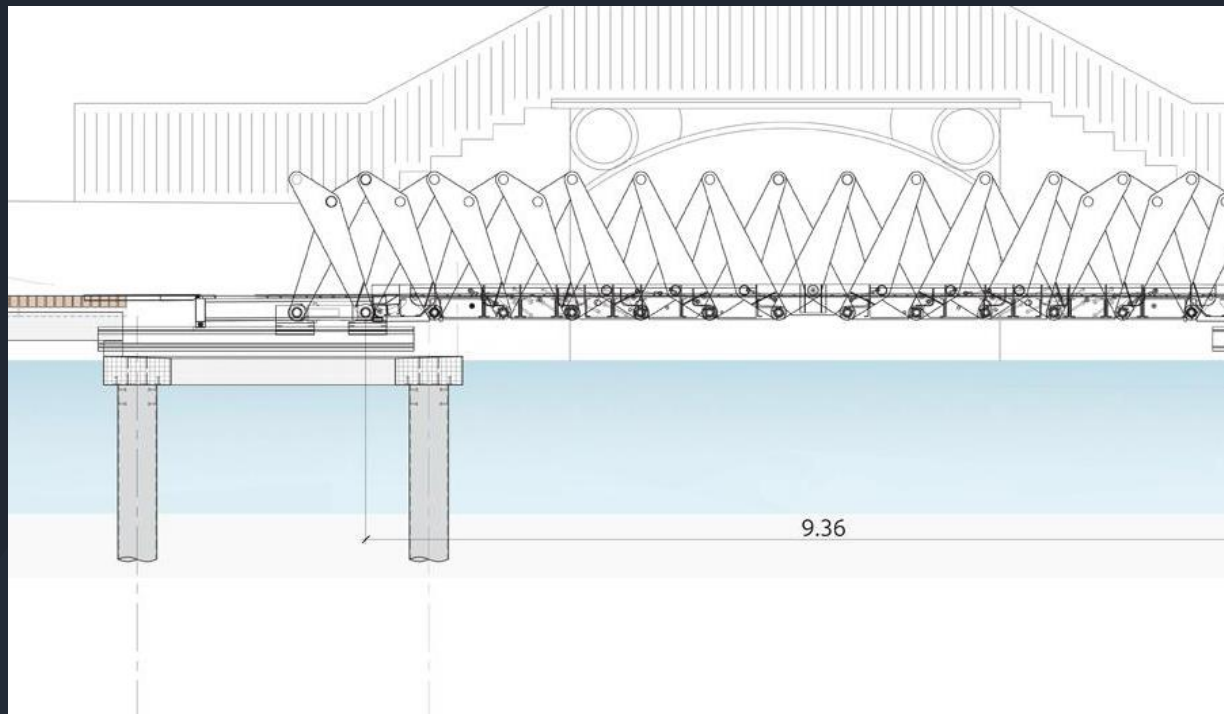




## 2- Access to Jet d'eau

- The Eaux-Vives pier leads to Le “Jet d'eau” that has become the iconic symbol of Geneva since 19<sup>th</sup> century , to the south of which the port is located.
- The location has become gradually a tourist spot and therefore increasingly popular. Access to the water jet nevertheless has been narrow : you could move around there, but you could not stop to enjoy the landscape.
- As for Plage des Eaux-Vives opening the access to this emblematic location has been part of the Municipality and Canton’s wider strategy to open-up of a broader and essential project to reappropriate the shores of the lake and to put at population’s disposal quality public space with access to all.
- Multiple referenda and consultations raised the question of uncluttering the vicinity of the Jet d’Eau including for reduced mobility citizens.





## 2- Access to Jet d'eau

In consultation with HAU Association, the cantonal authorities and the SIG (Water Utility Company) revealed the details of the project which will make it possible to adapt the pier to its popularity: make it more accessible, including to people in wheelchairs, and provide it with a real public space.

- The project, designed under direct mandate by MIDarchitecture, includes a wooden esplanade measuring 190 by 3.80 meters which will run alongside the pier without hanging on it or modifying its profile. Curved benches will allow visitors to lie down or sit.

- Nestled in the esplanade and arranged parallel to the existing goleron, a new type of mobile footbridge – designed by Ingeni and already patented – will allow the passage of boats, mainly those of fishermen and the police, while leaving, unlike footbridges standard mobiles, the possibility for pedestrians to continue on their way.





Philippe Morel Rédacteur en chef adjoint, revue TRACÉS

- Project manager for the renovation of the Eaux-Vives pier, (HAU) aims to promote the autonomy in the city of all users, including people faced with difficulties of perception or mobility.
- In particular, it participated in the development of Standard SIA 500 (SN 521 500) “Constructions without obstacles” and Standard VSS SN 6400 075 “Circulation space without obstacles”. C
- Collaborated in establishing barrier-free access to more than thirty cultural buildings in the city of Geneva, with the creation of specific signage. The association also assessed the accessibility of the station, platforms and shops at the Cornavin CFF station and participated in a working group concerning transition spaces in the Lemman Express/ CEVA regional rail network.
- For this project the State of Geneva , SIG, HAU and the City were financially supported by a philanthropic foundation that has been instrumental the realization of series of consultations.

## 2- Access to Jet d'eau





## Key takeaways

- A Multi stakeholder approach has been instrumental to connect **SDG 11, and 13, 3, 8, 9, and 7** insuring that the projects promoted by State and City of Geneva are also reinforcing Societal resilience and equal access for all.
- Lessons learned from both project is that a **Co(definition of the problem)-Co ( design of the solution) –and Co(Implementation )** of the project from the very early stage of conception of the projects are needed to avoid lengthy and costly process of reiteration.
- In this respect citizens and communities need to be encourage and increasingly important role in the formulation as well as outcome of Sustainability driven projects to capitalize to realize **People-centrality, social responsibility and inclusivity**