



palexpo

UFI Sustainable Development Award



A little history
Once upon a time...

A little history

... the initial surface has doubled



2003-2013

1995

1987

1981

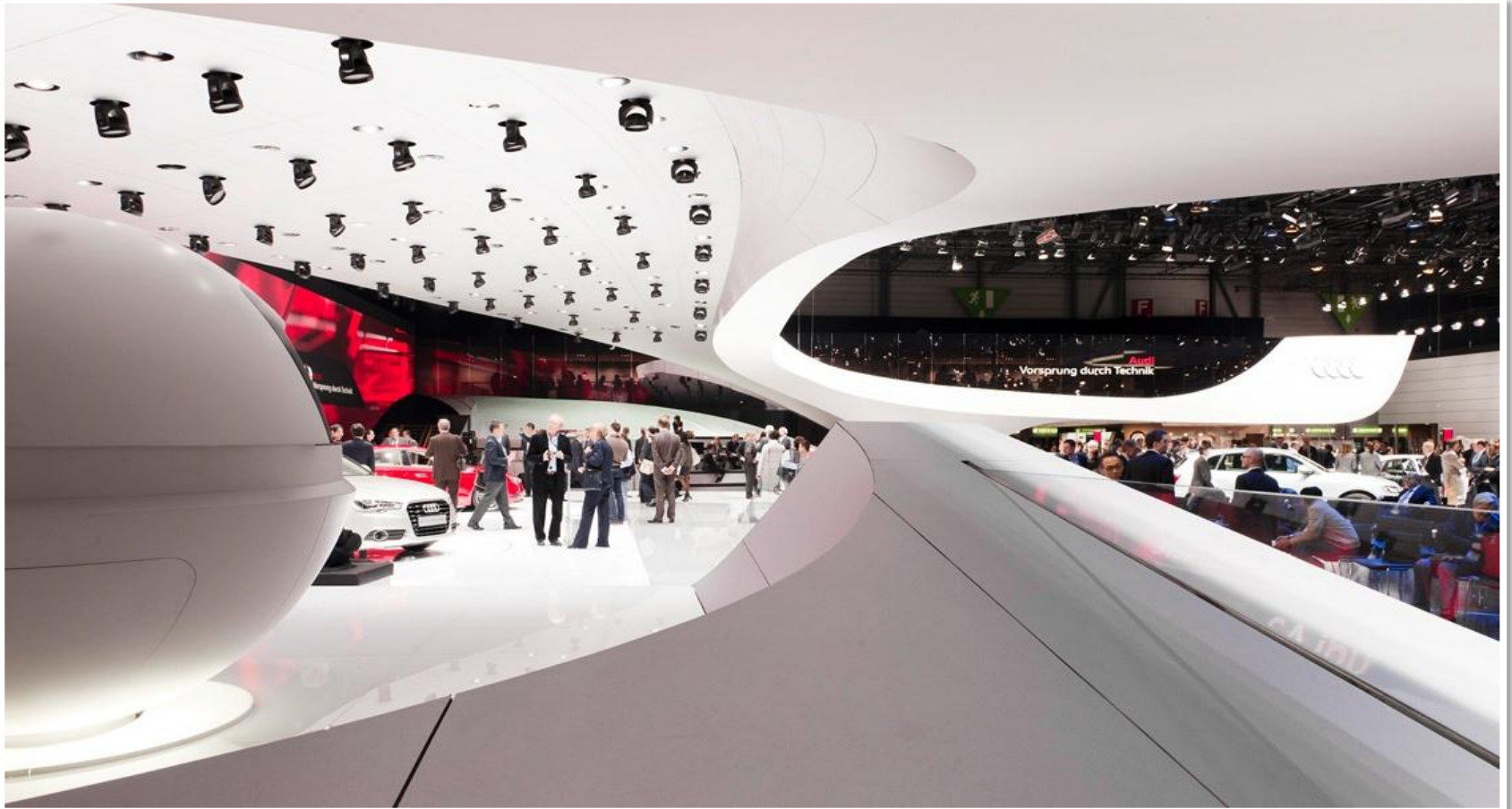
Congress Center



Entrance Hall 1-2

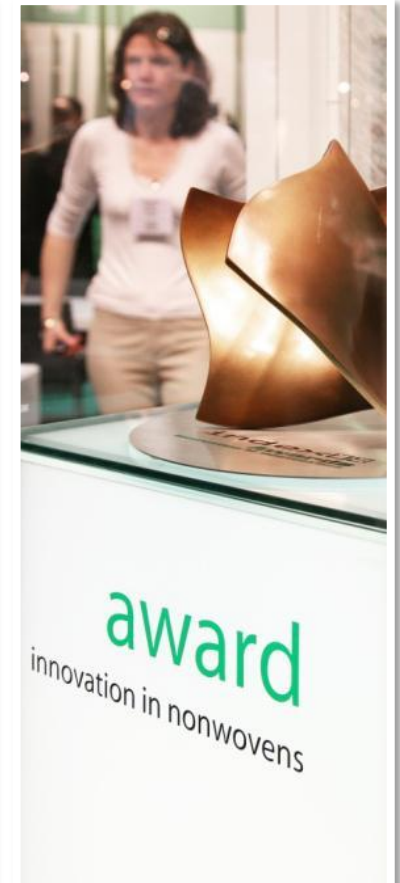
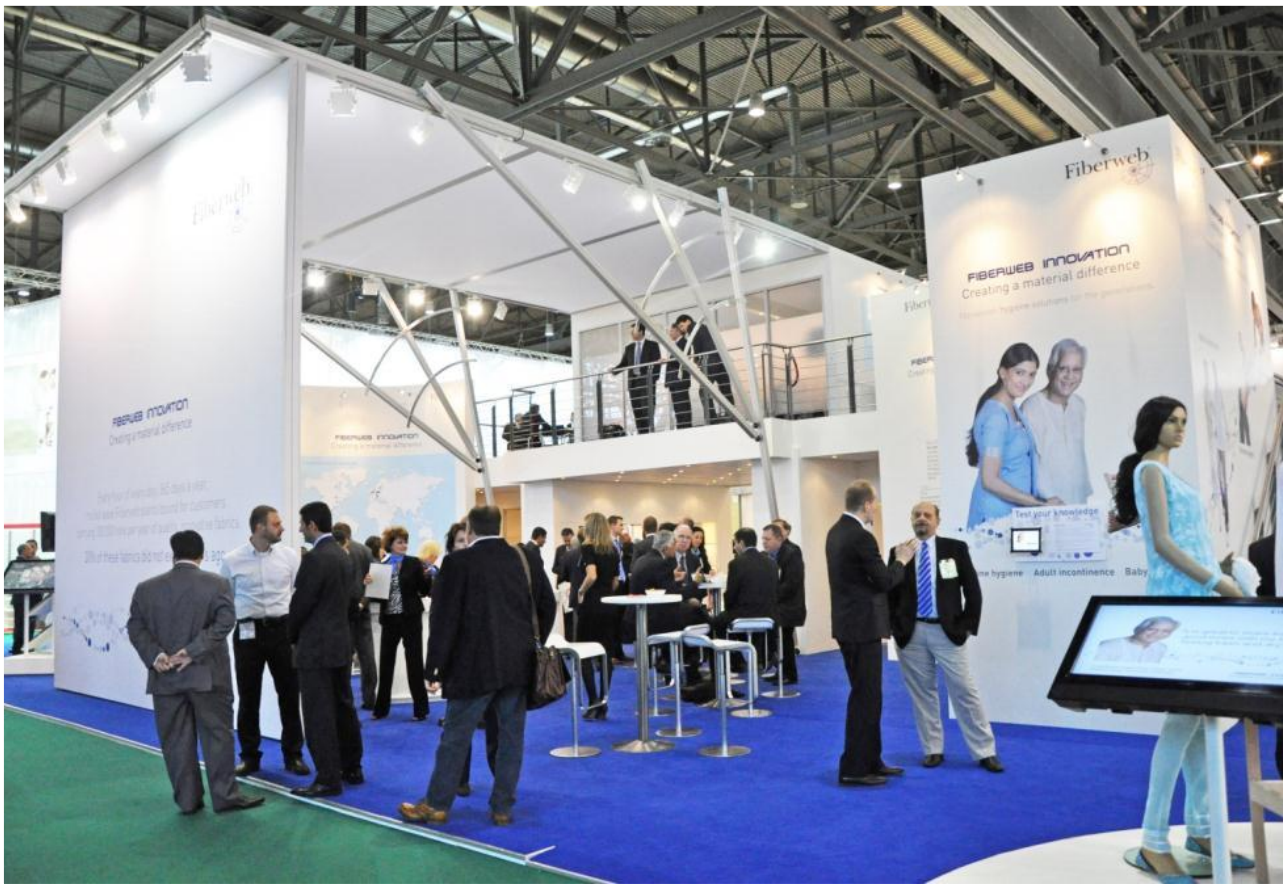


Geneva International Motor Show



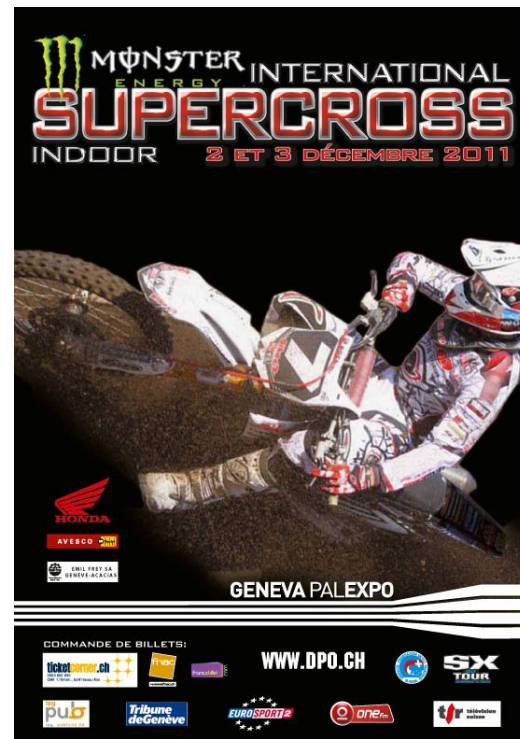
730'000 visitors – 12'000 journalists

The world's largest nonwovens exhibition



Over 12'000 trade visitors and conference attendees

CSI/W International Show-jumping competition and Supercross International



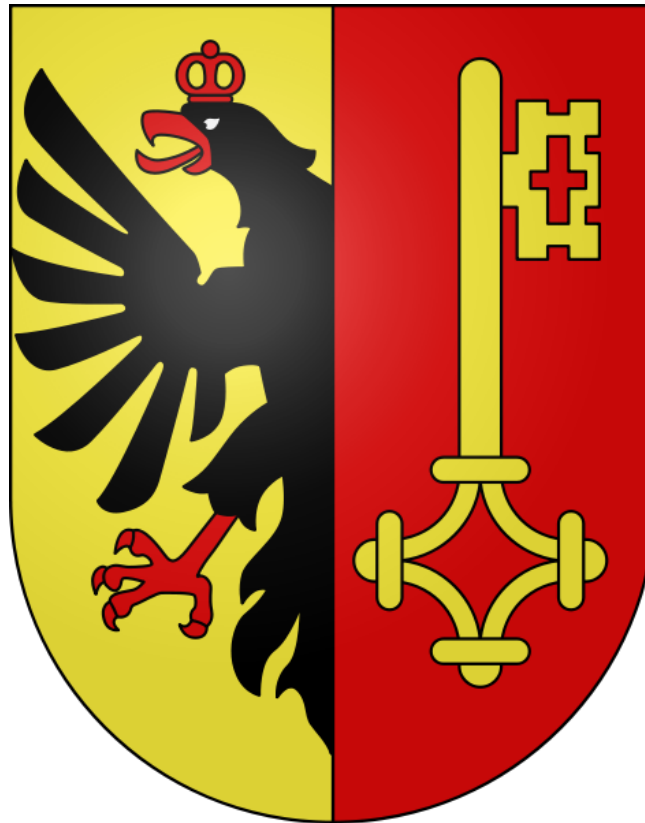
CSI - The largest indoor show-jumping arena in the world

Supercross - Same earth used since very first edition in 1985!

Switzerland and sustainable development



Geneva and sustainable development



Values – Corporate values determined by the staff



Customer Focus

Professional integrity

Flexibility

Efficiency

Teamwork



"R" – RECUPERATE, RECYCLE, RE-USE

S-DEV 05

GREEN PAVILION

IAMF (INTERNATIONAL ADVANCED MOBILITY FORUM)

EUROPEAN FUTURE ENERGY FORUM

FCTF (FUTURE CLEAN TECH FORUM)

"Q" QUALITY LABEL FROM SWISS TOURISM

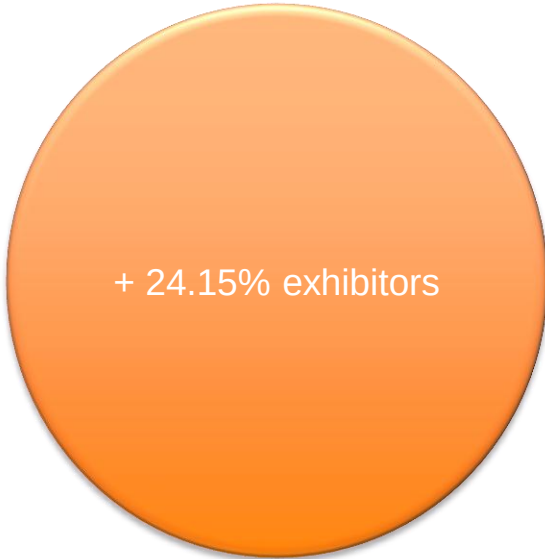


Economic dimension of sustainable management at Palexpo

In 2011 (compared to 2010):



+ 14.16% events



+ 24.15% exhibitors



+ 27.31% sales

Economic dimension of sustainable management at Palexpo (cont.)







Energy audits



Sqm rented and energy consumed



Ventilation



Lighting



Climate change – Carbon free electricity

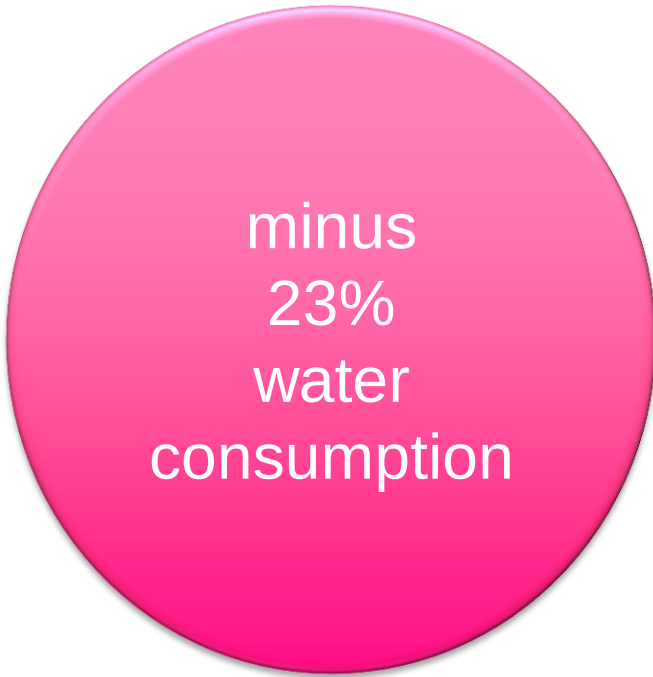


A D E M E



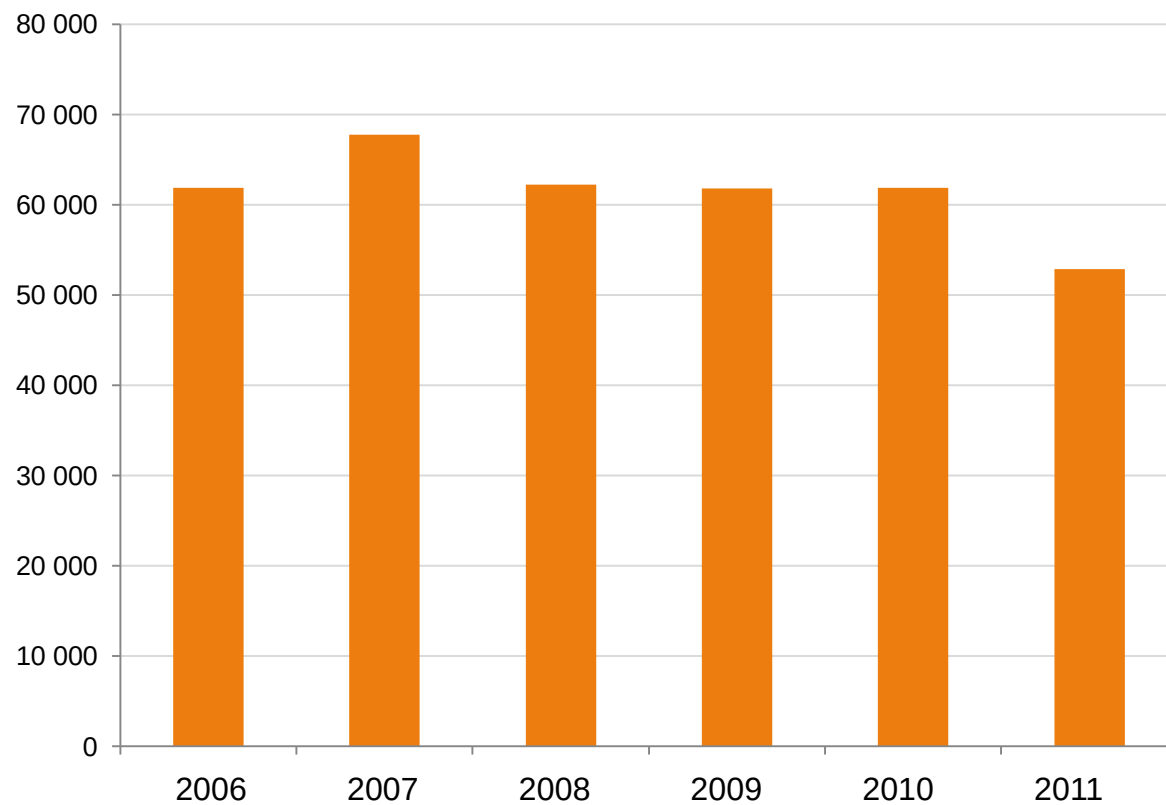
Agence de l'Environnement
et de la Maîtrise de l'Energie

Water

A large, solid pink circle with a slight gradient and a soft shadow, containing white text.

minus
23%
water
consumption

Water consumption (thousands of cubic meters)



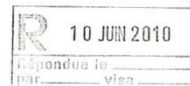
Waste



Serbeco

Acteur du développement durable





Palexpo SA
M. Philippe Echivard
CP 112
CH-1218 Grand-Saconnex

Satigny, le 8.06.2010

Concerne : Filières de recyclage

Monsieur Echivard,

Suite à un courrier e-mail de M. Yann Forest-Dodelin, je vous fais parvenir une description succincte des principales filières de recyclage des déchets que SERBECO enlève auprès de votre société.

<i>Produit</i>	<i>Traitement</i>	<i>Transport</i>	<i>Utilisation matière</i>
Bois usagé (Alternatif	Contrôle, broyage Contrôle, broyage	Semi-remorque Train	Combustible de substitution GE Fabrication de panneaux (Italie))
Verre (bouteilles)	Chargement	Train, cont. ACTS	Verrerie de St. Prex
Papier, carton	Mise en balles	Combiné route/rail	Papeterie (Suisse)
PET	Mise en balles	Semi-remorque	Flakes PET (Suisse)
Alu Igora	Tri, mise en balles	Semi-remorque	Fonderie d'aluminium (France)
Films plastique	Mise en balles	Semi-remorque	Granulés PELD (Suisse)

Les déchets ménagers sont acheminés directement à l'incinération aux Cheneviers
D'autres déchets non recyclables sont broyés avant incinération.

Nous restons volontiers à votre disposition pour tout renseignement complémentaire.



100% waste 2012 Motor Show



50% sorted at source



80% recycled

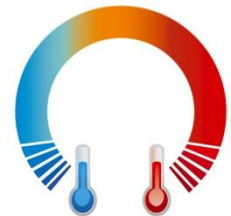


50% factory sorted

60% recycled

40% waste

20% burned for electricity and heat generation



Wood recycling



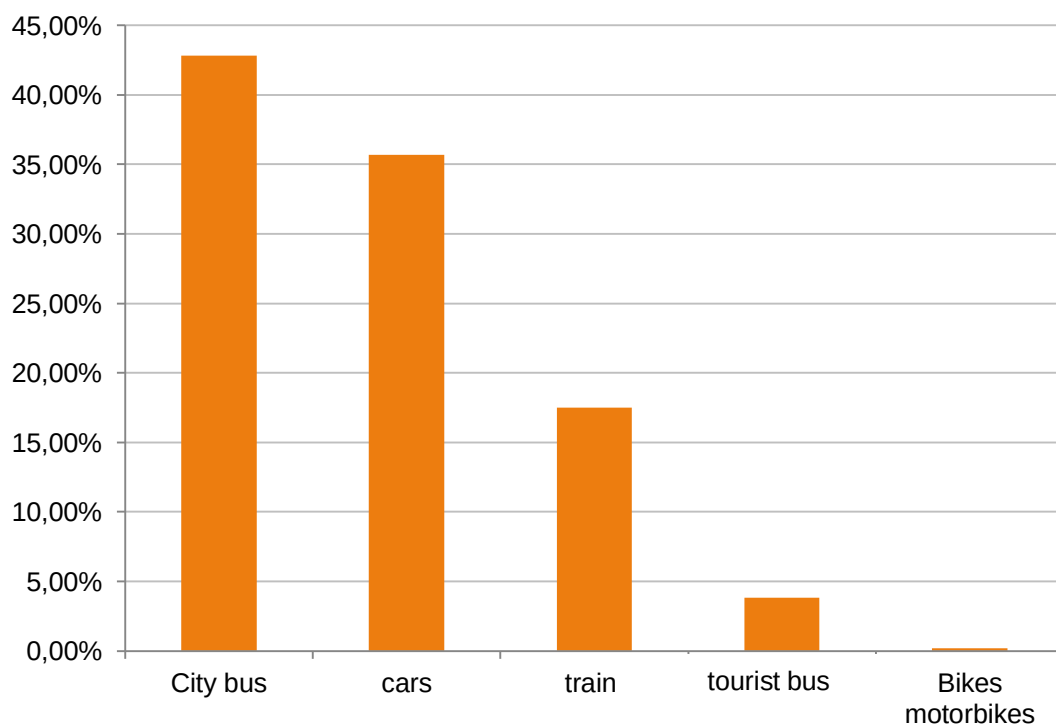
Pollution and biodiversity



Transport



Transport used by visitors during the International Motorshow



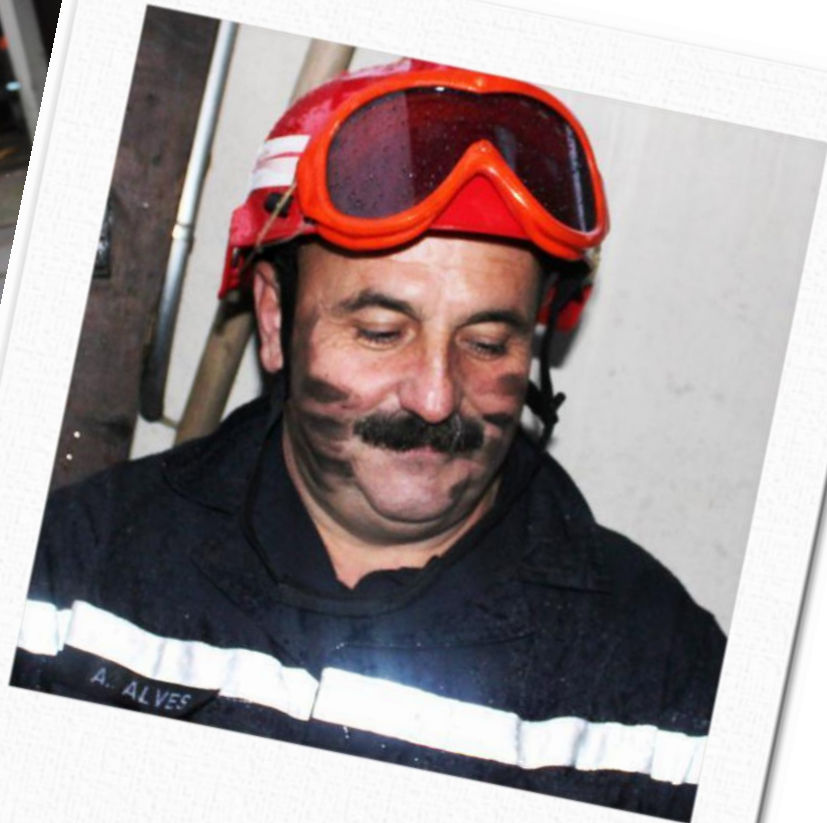


TaxiBike and recharging station for two-wheelers



Social dimension of sustainable management at Palexpo















Next steps





Enhanced Public Transportation Services



Electric city buses that recharge at the bus stops along the route

- Making use of the efficiency advantage of electric drives on the traction chain level...
- ... while avoiding the disadvantages of heavy batteries or an expensive catenary infrastructure on the energy supply level

The partners

- TPG: The public operator
- OPI: The project manager
- SIG: The energy provider
- ABB: The technology developer

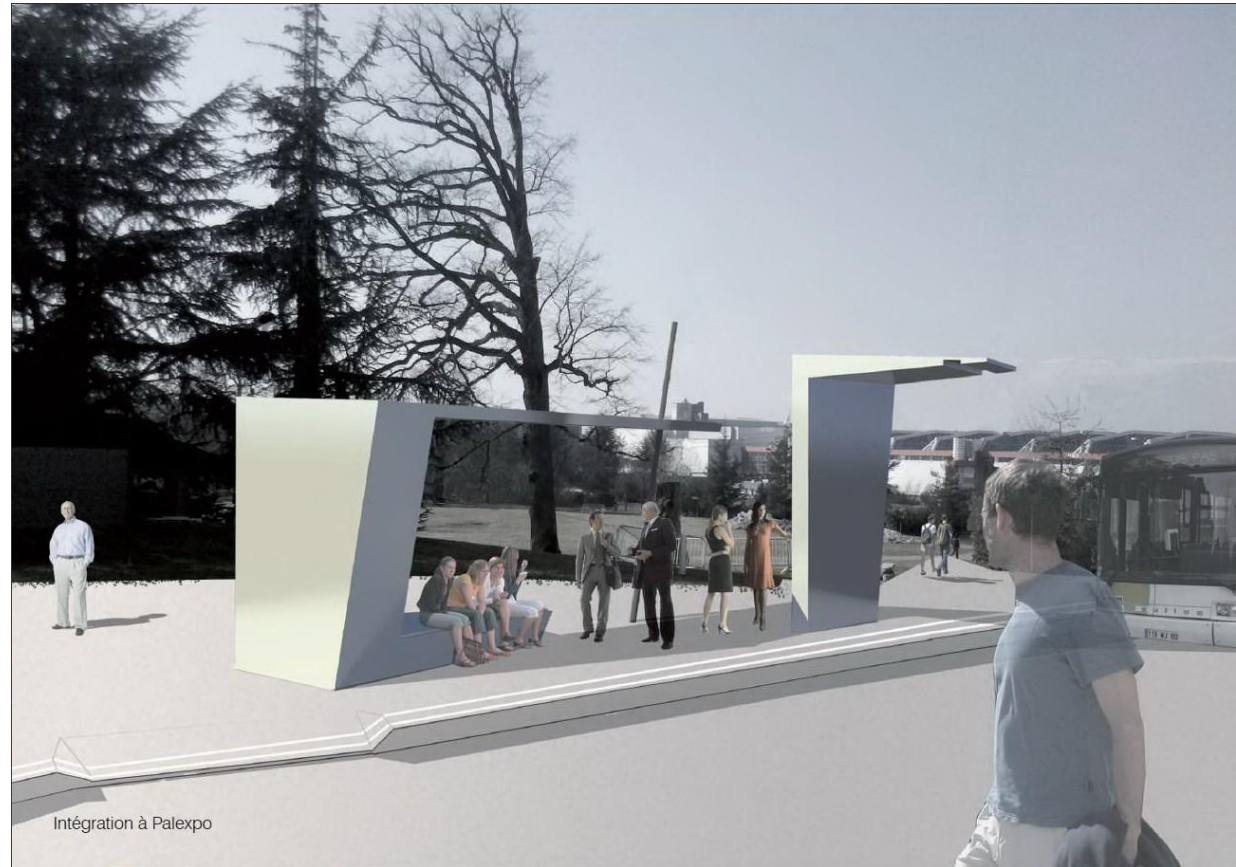


A collaboration for the bus stop with the Engineering School of Geneva

h e p i a

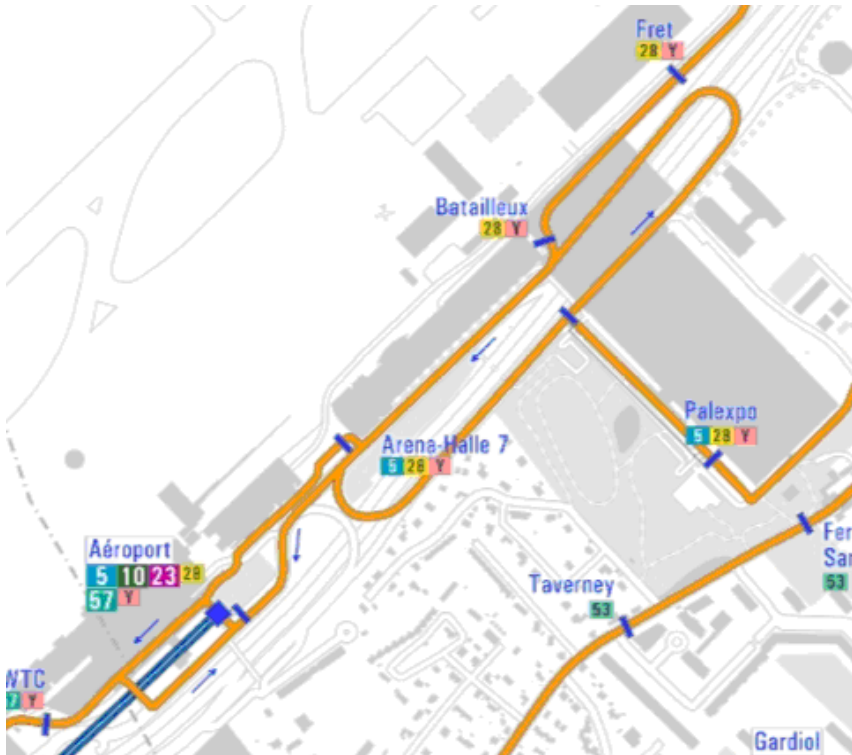
Haute école du paysage, d'ingénierie
et d'architecture de Genève

— HEAD
HAUTE ÉCOLE D'ART ET
DE DESIGN GENÈVE
GENEVA UNIVERSITY
OF ART AND DESIGN



Layout of the project

Demonstrator: Palexpo - Airport – Palexpo



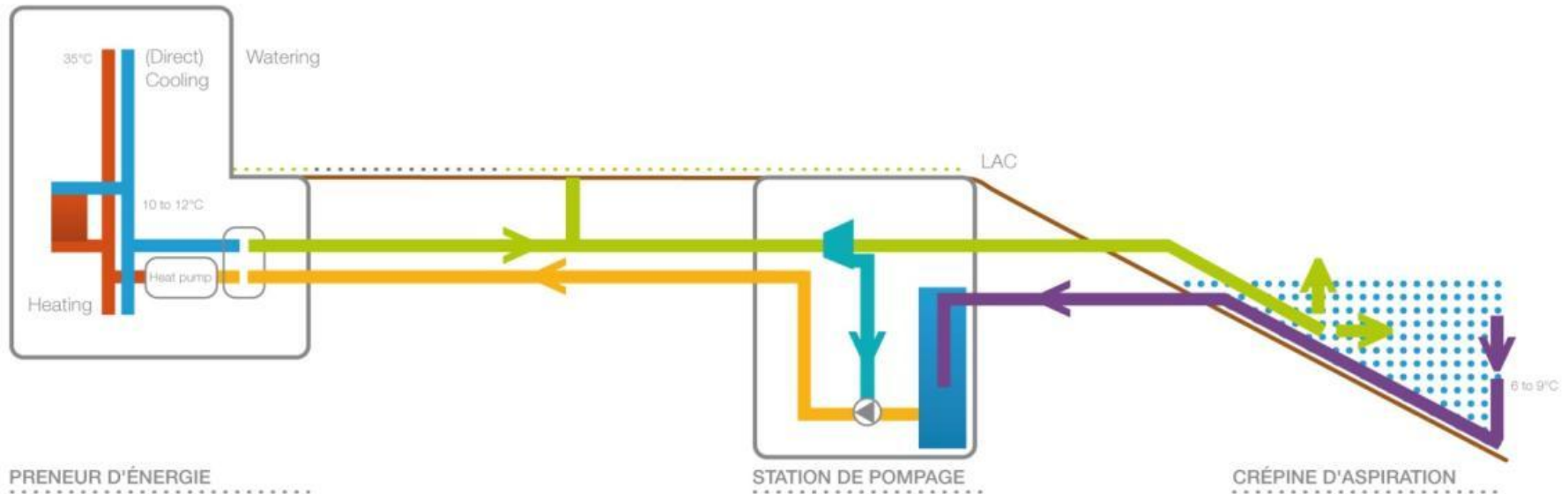
Distance	1.824 km
Duration	3'20"
Height	25 m
End of development	April 2013
Testing	UITP World Congress, May 2013 Geneva Motorshow, March 2014

Genève **Lac Urbain** Genève **Lac Aéroport**



GLU-GLA: How it works?

Potential power to connect	up to 250 MWth
Pumping	up to 6.8 m ³ / s (24,500 m ³ / h)
Investment	up to 200 MCHF



Vengeron - Depth: 45m



Pumping station



Water pipe going 5 km on the bottom of Geneva lake



GLU-GLA: Airport area





THANK YOU FOR YOUR ATTENTION!

