DEVELOPMENT OF GREATER GENEVA REGION

FUTURE RAILWAY EXPRESS NETWORK

UNECE INLAND TRANSPORTATION COMMITTEE – 24 02 2014
PRESENTATION – TWO CHAPTERS

- GREATER GENEVA AREA 2014 - 2030
  IMPORTANT ISSUES OF DEVELOPMENT

- MOBILITY 2030
  MULTIMODAL STRATEGY FOR GENEVA

- THE ADVANTAGES OF THE FUTURE EXPRESS RAILWAY
> **SWITZERLAND**

41’300 km²
8’037’000 inhabitants

> **CANTON OF GENEVA**

282 km²
470’000 inhabitants

103 km of mutual border with France

4,5 km of mutual border with Switzerland
GROWING MOBILITY IN GENEVA

> 550’000 journeys / 350’000 vehicles cross Geneva borders every day

> 800'000 journeys/ day in the city center

> Average of 3,5 journeys / day and inhabitant, using various transports means

> Travel modes in the center of Geneva:
  - Pedestrian: 47%
  - Individual car: 26%
  - Public transport: 16%
  - Bike: 7%
  - Motorcycle: 4%
Public transports market share is growing on all cross-border shifts:

+ 48% of passengers on cross-borders trains since 2005

Public transport market share increasing from 12% in 2005 to 16% in 2011

Important growth forecast for 2030

+ 200 000 inhabitants

+ 100 000 employments
GENEVA - LAUSANNE IN 2030 : DRAMATIC GROWTH

2000 - 25'000 passengers/day between Lausanne and Geneva

2010 - 50'000 passengers/day between Lausanne and Geneva

2030 - 100'000 passengers/day between Lausanne and Geneva

2000 - 80'000 cars/day

2010 - 100'000 cars/day

2030 - 130'000 cars/day

CFF

2010-2030: + 100%

2010-2030: + 30%

Département de l'environnement, des transports et de l'agriculture
- STRONG ISSUES OF REGIONAL DEVELOPMENT
- A 3-STEPS STRATEGY
- MULTIMODAL STRATEGY OF GENEVA
- USE OF THE MOST EFFICIENT TRANSPORT MODE  
  GENEVA: 2ND CITY BY DENSITY IN EUROPE
CONCEPT FOR TRANSPORTATION NETWORK

> HORIZON 2030

- Highways, junctions
- Main road network
- Railway express network
- Main tram and bus network
- Park and Ride
- Main bicycle network
- Inner city
- Other city centres
- Dense part of the gglomeration
MAIN PROJECTS

- A1 Motorway increased capacity – 1st stage
- New junctions or junction adaptations
- Road network hierarchy: inner city capacity reduction
- Regional express network
- Tram and bus lines extensions
- Bicycle sharing scheme
  - Major bike lines: 1st stage
  - Velostations development
- Initiate inner city pedestrianization
MAIN PROJECTS

- Motorway crossing Lake of Geneva
- Reinforced road capacity reductions in inner city
- Complementary tram network in city centre
- Complémentary public transport lines
- Major bike lines: 3rd stage
- Pedestrianization reinforcement in inner city
* Railway express network
SCOPE OF THE EXPRESS RAIL NETWORK

- 2 COUNTRIES
- 2 SWISS CANTONS,
- 2 FRENCH DEPARTMENTS,
  ONE REGION

- 2’000 KM²
  210 TOWNS AND VILLAGES
  900’000 INHABITANTS

- JOB ATTRACTIVENESS IN
  GENEVA FOR VAUD, AIN,
  HAUTE-SAVOIE
- Genève – Coppet in single line
- Genève – La Plaine, partly single line and close to saturation
- French rail network, aging and completely single line
- Two terminal stations in Geneva.
CEVA : A RAILWAY UNION FOR THE REGION IN 2019

- 230 km lines
- 45 stations in France and Switzerland
- An unique new railway network for the whole cross-border region
Connecting Geneva with… Geneva

- 16 km of tunnel and cut and cover, integral double line
- 5 new stations in the heart of Geneva

ANNEMASSE-GENEVA in 20 MINUTES
Cooperation and cross-border partnership between 4 organization authorities, 2 operators and 2 infrastructure companies

Investments:

- Switzerland infrastructure works financed by the Confederation and Geneva: 1.25 billion €

- Infrastructure projects financed in France by the State, Rhône-Alpes Region, départements and municipalities: 244 Million €
THE ADVANTAGES OF THE NEW RAIL LINK

More Offer
- +50% on F, +160% CH, up to 400% on Annemasse - Cornavin

More Speed
- Unmatched commercial speed: 50km / h (tram: 16km/h)
- Gain 15 to 30 minutes on average / fewer change

More consistency
- 6 trains / h - 7/7

More density:
- Coppet - Annemasse: every 10 minutes
- La Plaine - Geneva every 30 minutes
- Bellegarde - Geneva: hourly
- Minimum 2 trains/h in each station during rush hour

More Continuity
- Coppet - Annecy and - Evian without changing trains

More Connections:
- Effective connections with TGV, Airport ...

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NEW STATIONS

Lancy - Pont Rouge

Eaux-Vives

Chêne - Bourg
CONCLUSION – THE NEW EXPRESS NETWORK BRINGS

MORE MOBILITY: NEW LINKS, NEW CONNECTIONS, NEW TRAVEL POSSIBILITIES

MORE FREEDOM: TRAVEL IN THE METROPOLITAN AREA WITH A SINGLE TICKET

MORE HOUSING AROUND TRAIN STATIONS

MORE PUBLIC SPACES AROUND STATIONS

MORE GREENWAYS TO SIMPLIFY PEDESTRIANS AND CYCLISTS TRAVEL

MORE CULTURE - THE NEW THEATRE OF GENEVA ON THE SITE OF EAUX-VIVES

LESS POLLUTION: MORE THAN 240’000 PEOPLE LIVING OR WORKING WITHIN 500 METERS OF A FUTURE STOP. EASIER ACCESS TO PUBLIC TRANSPORT

MORE LINKS: CEVA AND ALL HIS ACCOMPLISHMENTS CREATE MORE LINKS, HUMAN, ECONOMIC, SOCIAL, CULTURAL, IN AN AREA THAT SHARES MORE THAN 2’000 YEARS OF COMMON HISTORY