nextstation

MOSCOW 2013

AIRPORT- RAIL INTERCONNECTIVITY

THE MODAIR PROJECT

Adriaan de Graaff
Director, AD Cuenta, the Netherlands
Session 3A: Intermodality

17-18 October 2013

Content

- Part 1 Introduction

- Part 2 Business cases

- Part 3 A European platform for networking

Introduction

- Out of 2.500 airports in Europe, 543 are used for passenger transport

- 2% of European airports (11) are connected to long distance trains

Car	Taxi	Bus	Local/ regional rail	Long distance rail
100%	97%	70%	10%	2%
543	525	379	56	11

2011 data

- Plans exist for another 7 airports to be connected

nextstation
MOSCOW 2013

Introduction

- <u>Airport</u> websites do not serve inter-modal transport

- At best there is a reference to websites of other transport modes for co-modal transport planning by the passenger him/herself

- In future the customer oriented approach will become the most important issue in travel

- This calls for much improved customer service

nextstation
MOSCOW 2013

Single ticket and luggage

☐ A few <u>airlines</u> offer a single or combined air/high speed rail ticket

Fare	Flight	Departure	Arrival	Duration	Operated by	Class
⊙ **2 921 CAD**	WS536	**8:40 AM** Vancouver	**4:20 PM** Montreal (YUL)	17h55	WestJet	Economy ⊟
	AF347	**7:55 PM** Montreal (YUL)	**8:35 AM** Paris (CDG) +1 Day		Air France	Voyageur
	AF7207	**10:40 AM** Paris (CDG) +1 Day	**11:35 AM** Lille +1 Day		Air France	Voyageur
WS536		**8:40 AM Vancouver**, Vancouver Intl - **4:20 PM Montreal**, P Trudeau Intl		Non-stop flight		Aircraft : Boeing 737-700
		Transfer time : 03h35				
AF347		**7:55 PM Montreal**, P Trudeau Intl - **8:35 AM +1 Day Paris**, Charles de Gaulle		Non-stop flight		Aircraft : Boeing 777-300ER
		Transfer time : 02h05				
AF7207		**10:40 AM +1 Day Paris**, Charles de Gaulle - **11:35 AM +1 Day Lille**, Lille Europe Railway St TGV		Non-stop flight		Aircraft : Train

☐ <u>Luggage drop</u> off at train stations in Germany and Switzerland as well as in down town Vienna

nextstation
MOSCOW 2013

Future passenger service

□ **Intermodal transport should be assisted by customer oriented decision tools**

- ◻ Unbiased choice of travel options

- ◻ Pre-trip planning for door to door travel

- ◻ Access to information via social media

- ◻ Single ticket and payment for the whole journey

- ◻ Customer focused care and way finding

- ◻ Easy luggage handling and uniform safety/ security standards

- ◻ En route advisory to rebook, ensure predictable travel

nextstation
MOSCOW 2013

IT-Tools

- Future intermodal services will depend on the availability of appropriate IT-tools

- MODAIR will develop a RTD roadmap for IT-technologies to assist passengers and operators to enable multimodal travel

- These IT-tools will also enable the passenger to receive real time information via social media

Closer cooperation

- A fully customer oriented approach calls for close cooperation of all travel modes

- It involves joint planning, booking, ticketing, charging, information exchange, accountability etc.

- Cooperation within the modes needs to be expanded to a multi-modal cooperation

- Social media will help to assist the passengers and operators

Intermodal business models

- High speed rail connections are few

- High speed rail may substitute some air traffic over distance shorter than 600 KM

- Expansion of the HSR network will have a marginal effect on air travel

- Rather than focus on substitution, look for mutual benefits
  - Free slots at airports and in the sky
  - Enlarge the catchment area for airports

nextstation

MOSCOW 2013

SWOT analysis needed

Strong

- Customer needs (travel time and ease)
- Catchment area
- Free airport slots
- Free ATM slots
- Noise at airport
- Substitute loss making feeder flights
- More rail pax

Weak

- Cost of (IT and ground) infrastructure
- Rail passenger numbers are marginal
- Reliability of railways
- Loss of control on feeder routes
- Less car park revenue at airports
- Low load factor in rail = high cost

nextstation
MOSCOW 2013

A new European platform

- MODAIR proposes to initiate a new European platform involving all stakeholders

- Focus on the intermodal travel vision, business opportunities, single ticket and luggage handling

- Definition of mechanisms and communication tools, accountability arrangements

- Learn from experience on intra modal cooperation: UIC is advisor

- Modair Workshop 17 September Madrid

nextstation
MOSCOW 2013

Contact: Jean-Francois.Perelgritz@EADS.net

12 ...Thank you

for your kind attention