

EURO CAREX

a driver
for economic
growth



Express freight: a booming sector

- +5% growth expected per year
- Small volumes, very high added-value
- Next-day delivery requires night travel
- Express and cargo activities vital for airports' business cases and profitability
- Investments and job growth at the 4 integrator hubs and major cargo airports in Europe

SUSTAIN

THE INFLUENCE OF METROPOLITAN CENTRES

A thriving metropolis relies on a strong exchange network. Airport platforms link the national and local economy to the world, both for passengers and cargo. Many European airports are reaching maximum capacity. How can we ensure their activities?

BUILD

THE AIRPORT OF THE FUTURE

Airport platforms will continue to grow economically but will encounter physical limits to their expansion. The proximity of the urban areas they serve also constrains their development. How can we help airport platforms grow with more fluidity?

OVERCOME

NOISE ANNOYANCE (or disturbance)

Airport platforms are often 24/7 or from early morning until late at night operations. These crucial economic activities are developing generating traffic. How can we support economic growth whilst protecting the living standards of citizens?

EURO CAREX BALANCED GROWTH FOR EUROPEAN AIRPORTS

Airport platforms are economic drivers for cities and nations. Cargo activities ensure profitability for airport operators and companies. Yet the use of existing networks is intense. High-speed train cargo provides an opportune addition to accommodate future growth.

STRENGTHEN AIRPORT SERVICES



ATTRACT BUSINESS

Logistics and express businesses actively seek multimodal transport options. New activities, attracted by rail services, will set up near hubs and attract new investments.

Setting up railports creates direct and indirect, sustainable employment at all levels. The express sector employs nearly 300 000 people in Europe. With an expected 5% growth per year employment will keep rising.

CREATE JOBS

CONTROL PUBLIC SPENDING

The existing high-speed network has unused capacity. High-speed rail freight can add profitability to infrastructure investments without the need for new construction works.

Integrator hubs in Europe

Package exchanges are structured around integrator hubs and major European cargo airports. They make it possible to send packages across Europe and beyond within the time frame guaranteed to customers. These hubs are interconnected via road and air transport movements. These networks will soon reach maximum capacity.



EURO CAREX, A "GREEN" SYSTEM

IMPROVE MOBILITY

Road networks are saturated. Using rail freight reduces the number of trucks between urban areas, by consolidating flows. For improved living conditions, just in time and safer exchanges.

Rail freight operates during off-peak hours, when passenger service is stopped. This makes it possible to use existing lines.

OPTIMIZE USE OF INFRASTRUCTURE

REDUCE TOXIC EMISSIONS

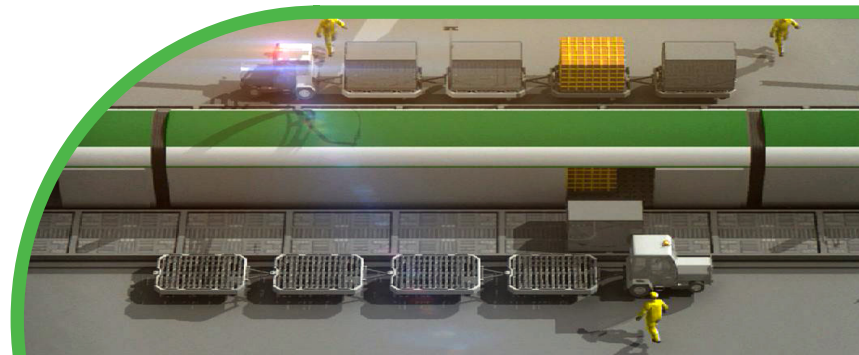
It is possible to increase mobility whilst at the same time reducing pollution. High-speed trains represent a more sustainable alternative to combined air and road freight.

The European transport sector must reduce greenhouse gas emissions compared with 1990 by 60% by 2015. High-speed rail freight will play a vital role in achieving these objectives, by addressing the challenges for the airfreight and express business.

RESPECT LEGAL RESTRICTIONS

At least 17 times less pollution than air and road traffic combined

The European Union has set ambitious goals for reducing greenhouse gases. This has to be achieved without reducing regional mobility and in the context of increasing travel. EURO CAREX's carbon footprint is far smaller than that of air transport and road freight transport.



EURO CAREX

THE POWER OF A TRULY INNOVATIVE SOLUTION

The concept: to use the existing network and high-speed trains to transport goods over distances of 200-800 kilometres, and connect the largest European logistic sites.

- ✓ **Speed** Time to market equal to express and faster than road
- ✓ **Safety** A reduced number of accidents on the road network
- ✓ **Security** Reduced risks of cargo theft during transport
- ✓ **Reliability** Journey times easily predicted and guaranteed
- ✓ **Price** Stable price level, cheaper than air and express freight
- ✓ **Traceability** Real-time goods tracking
- ✓ **Innovation** An intelligent response to enhance business agility
- ✓ **Footprint** At least 17 times less pollution than planes and trucks combined
- ✓ **Connectivity** Dedicated trains and railports directly linked to existing express hubs
- ✓ **Flexibility** Air- and road-compatible palettes and containers

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ONE EURO CAREX TRAIN

- = 100-140 tonnes
- = 1 Boeing B747-400
- = 3 Airbus A310
- = 10 to 15 trucks
- = 20-30 vans

- Between 200 and 350 km/h
- Loading/unloading in 30 minutes max.
- 200 metres long
- Conditioning of containers between 5° and 32°C
- Compatible with air freight legal framework
- Services: Express Next Day (before 9 am), Quick Next Day, Deferred 1/3 days

EURO CAREX, a boost for employment and sustainable growth.

