

**Outline of lecture THNS 2012 Shanghai**  
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These main topics will be underlined :

- France was the first country to operate high speed trains, and has extensive experience on the consequences of this new mode of transport on the economy of the territories, and their organization.
- Direct effects of the introduction of high speed rail on development, including urban development, in the fields of transport, economy and real estate
- Key elements to consider to ensure and maximize the effects of development, in particular the role of local actors.

France has celebrated its 30 years of the launching of the first TGV between Paris and Lyon.

These 30 years have enabled to build a solid experience and develop knowledge on effects of High speed rail on territories. These data are useful for the preparation of areas for future high-speed lines.

Under the leadership of the French president in 2007, a framework law was passed in summer 2009.

It plans the construction of 4,500 km of additional new high speed in the next 20 years.

High speed rail changes the link between the cities by a significant reduction in travel time.

These important changes have effects on exchange and on development and thus raise expectations for the territories.

They expect new business by attracting companies and therefore jobs and new populations. Moreover, they expect new cooperation between towns in many areas: research, education, tourism,

The first effect of the TGV is the increased numbers of rail travel to more distant destinations.

The effects of high speed rail are not limited to the only city served, and can be spreaded in other territories with a good organization of urban and regional transport.

On the scale of the city, the railway station is the place of concentration effects. It should be a place of exchange between modes of transport to ensure proper chain of travel.

The project for the launching of a TGV on the territory allows to create or accelerate urban development projects, mainly located in areas of railway stations.

There is thus a change of function of the neighbourhoods of the stations. They become modern districts, engendering a new development.

To achieve these urban developments, local actors have to mobilize: economic planning, land management, functional mix ...

High speed rail will affect two main areas of the economy: business and tourism.

The acceleration of real estate projects initiated by local actors have a direct effect on the location of business companies in areas of stations.

So, high-speed rail has positive effects for the development of regional territories. It enhances their connection, so increases their attractiveness.

The main points to be developed to allow high-speed rail to maximize its impact on the territory are:

- Local actors have to agree and get organized well in advance,
- They must develop a global view from the transport to the economy in order to build a real territorial development project,
- They should engage in communication,
- An territory lookout post should be in place before the arrival of the TGV,
- The location of the train station will be the subject of special attention, as well as its connection to other modes..