DB International Operations

Early Operations Model for Indian Second Tier Cities
November 2019 – Urban Mobility Conference India
Challenge

Current dynamics of urban mobility in India

- Rising number of **private cars and motorised two-wheelers**
- Decreasing share of public transport in medium sized cities

Photo: Aleksandr Zykov
Challenge

Need for ecologically, economically and socially **sustainable mobility systems**

Lack of public transport systems, that are convenient and appealing
New public transport projects involve many risks and challenges

New infrastructure projects are very complex and risky

Decisions taken in the early project phases heavily influence the long-term success of operations

Multiple stakeholders with various interests and incentives

Aim to take over operations by Authority, but often no past track record
Goals of the Early Operator approach

- System Readiness
- Operational Readiness
- Sustainable Operations
Early operations approach

1. **System Delivery:** Advise, support and influence all phases of the System
2. **Operational Readiness:** Develop all Deliverables required for Revenue Service
3. **Sustainable Operations:** Develop local capacity and long term commercial viability of the system
In cooperation with California High Speed Authority, DB IO is engaged as the Early Operator.

- **Fare integration and inter-operability** between transportation operators connecting with or to the System
- **Security and safety arrangements** for the system; operations control systems including dispatching responsibilities
- **Service planning** and scheduling for both the System and connecting buses
- **Opportunities to maximize system revenue and ancillary revenue opportunities**
- **Ridership and passenger revenue forecasting** as well as O&M cost forecasting
- **Mobilisation of operations** incl. recruitment and training
- **Optimization of whole life, capital and life cycle costs** associated with Rolling Stock, Track and Systems and Stations
- **Local public transport culture initiatives** incl. outreach and marketing strategy
- **Risk management**
The Early Operations Model provides many benefits

An early operator contributes...

✓ knowledge about how to **assess a new project** and its quality in all dimensions – costs, benefit, performance/KPIs, etc.

✓ **experience** of many highly complex, international infrastructure projects, mainly with multiple stakeholders

✓ not only a consulting view but looks also at the client’s **long-term success** of railway projects

✓ to make the **local Authority** able to run the railway O&M at its own including an seamless hand-over process

✓ Know-how to **save money** regarding CAPEX and OPEX
Thank you for your attention