MONITOR Portal

The MONITOR portal was realised under the intention to support actors with information needs on the overall air transport development, especially for strategic analysis, modelling activities and quantification exercises.

Therefore, a three-pillar based monitoring system has been developed, which allows a systematic and complementary view on the long-term development of air transport and a continuous trend analysis. It contains the sections:

- Database
- Indicators
- Future Studies

MONITOR is a website of DLR and an outcome of the EU FP7 project MONITOR (Monitoring System of the Development of Global Aviation). It is continuously developed and can be found under

www.airtransport-monitor.eu

Contact

If you like to be kept informed on the MONITOR webpage by receiving our newsletter, if you are disposed to give inputs for the MONITOR (meta-) database or if you have suggestions for improvements of the MONITOR portal please feel free to contact us under:

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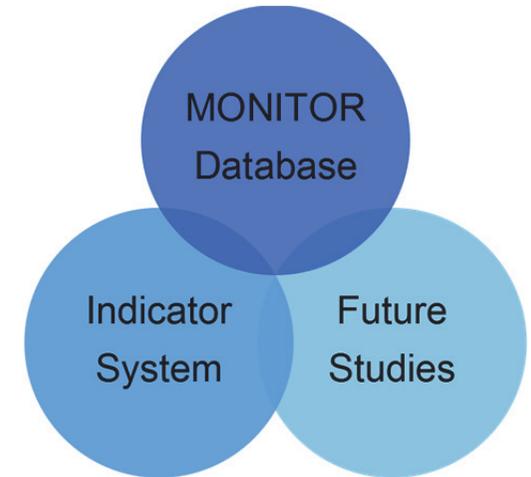Phone: +49-2203-601 3209

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MONITOR

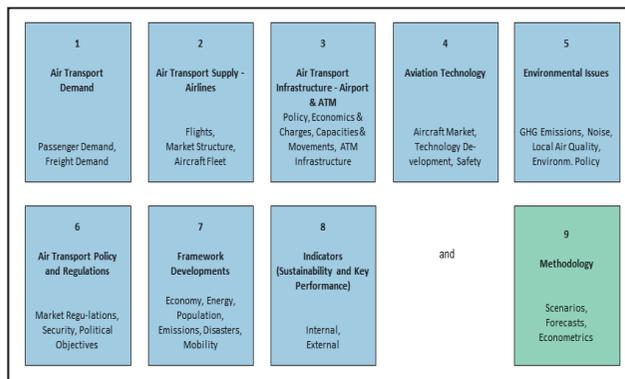Monitoring System

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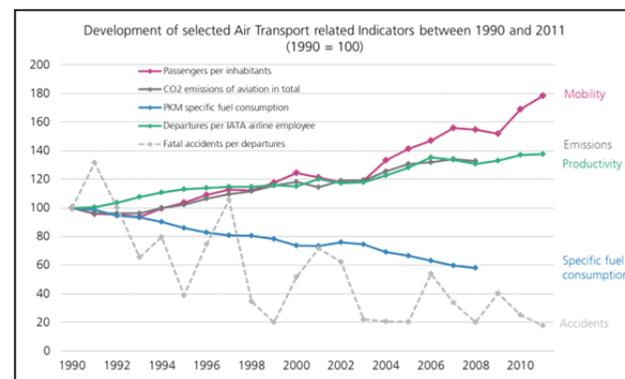

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Database

The MONITOR Database is the most important basic pillar. It is publicly available in form of a meta-**database** that offers detailed information on air transport relevant sources with regard to statistics and development analyses of air transport internal topics as well as relevant socio-economic framework developments. Following this intention, the database offers a widespread basis for a systematic and complementary view on the long-term development of air transport in order to describe, forecast and assess this complex system. The assessment of data sources that DLR delivers in this context by the use of detailed and self-developed metadata information, covers a wider field as usual data characteristics and shows possibilities and challenges of data usage as well as use cases for the collected data.

Indicators

The **indicator** section contains more than 40 indicators on global air transport development, that provide a fast and clear overview of long-term performance and sustainability trends in the air transport sector with regard to system internal and external aspects as well as economic, ecological and social interchanges. **Performance Indicators (PIs)** describe the development of the air transport system while **Sustainable Development Indicators (SDIs)** concentrate on the interrelation of the air transport system with the three dimensions of sustainability. The assessment of the indicator results in relation to existing strategic and sustainable development goals allows bridging the gap between scientific research and policy analysis in order to extract suggestions for improvements of the air transport system.

Future Studies

The aim of the **future study** site is to give an overview on recent studies on the long-term development of the air transport system, which can either be described by forecasts or scenarios. Statements on the future development of the air transport sector are required for various purposes and are also essential for strategic planning of the air transport infrastructure (airports and air traffic control) and quantifying potential environmental impacts caused by air transport. This part of the MONITOR portal was designed in order to address the progress in the air transport sector and hint at new trends within the air transport system, using both forecasts and scenario techniques to provide a holistic overview.