

Train Planning Assessment Tools (R2.103)

Background

Practical tools for assessing the flexibility, robustness, feasibility and timeliness of proposed train plans are not currently available.

Objective

This project aims to develop methods and tools to assess train plans for

- feasibility – the ability of all trains to meet required schedules,
- flexibility – the degree to which the plan can incorporate changed demands from one operator while preserving the needs of others,
- robustness – the ability of trains to meet key arrival times subject to unplanned disruptions, and
- timeliness – the degree to which trains meet critical deadlines at key destinations.

Outcomes

Project outcome will be methods and tools that readily enable train plans to be assessed for feasibility, flexibility, robustness and timeliness.

Benefits

The project will help network providers to produce better train plans and respond more effectively to increasing demand from train operators.

Project timeframe

1 September 2008 to 31 August 2011