



Gröna Tåget - an RD&D programme for high-speed trains in Sweden (Scandinavia).

The Programme was initiated by Banverket in 2005 to be a jointly vehicle development programme within the railway sector in Sweden (Scandinavia).

Manager for the programme: Tohmmmy Bustad, Banverket



The purpose of the RD&D programme "Gröna Tåget"

The purpose of Gröna Tåget is to safeguard and further develop the competence required for ensuring the operation of the future passenger trains which will operate on the Swedish railway network. These trains should comply with the demands placed on them by the special Nordic conditions (traffic conditions, climate, etc.)

It is estimated that a concept for such vehicles will reach completion in 2010-2011.

Gröna Tåget includes nine research areas

- 1. Basic requirements, coordination and conceptual studies**
- 2. Market and traffic conditions**
- 3. Passenger requirements**
- 4. The role of train personnel and design of driver's cab**
- 5. Product calculations for high speed vehicles- design for manufacture**
- 6. Environmental performance**
- 7. Driving, brake and control system, condition monitoring**
- 8. Carriage body, supporting suspension and aerodynamics**
- 9. Bogies, wheels, spring suspension, damping and carriage body suspension**



Gröna Tåget, number of projects so far...,

Today, so far we have within the nine research areas

- **15 main projects**
- **5 to 10 smaller projects parallel to the main projects**

Rate of Contribution by Banverket and by the our partners

Banverket have promised to contribute with 50 million SEK (5,4 million €) during the period 2006 -2010.

During the same period our partners will contribute in forms of own work, services etc. to a value of approximately 100-150 million SEK (10,8 – 16,2 million €).

Largest contributor are Bombarder with their parallel project Regina 250

Gröna Tåget Partners, so far.....



SWEDTRAC

Gröna Tåget



Regina 250

BOMBARDIER



FINDING A BETTER WAY



FLASH · HTML



CHALMERS
transrail

and some more ...





Gröna Tåget's homepage:

www.gronataget.se