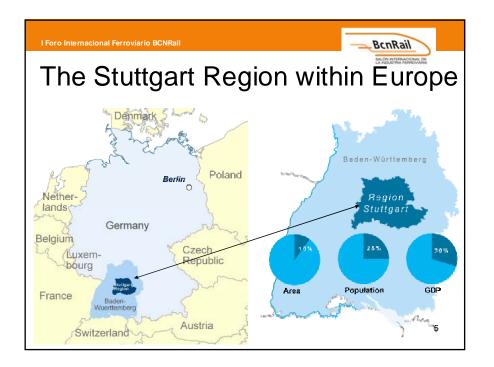
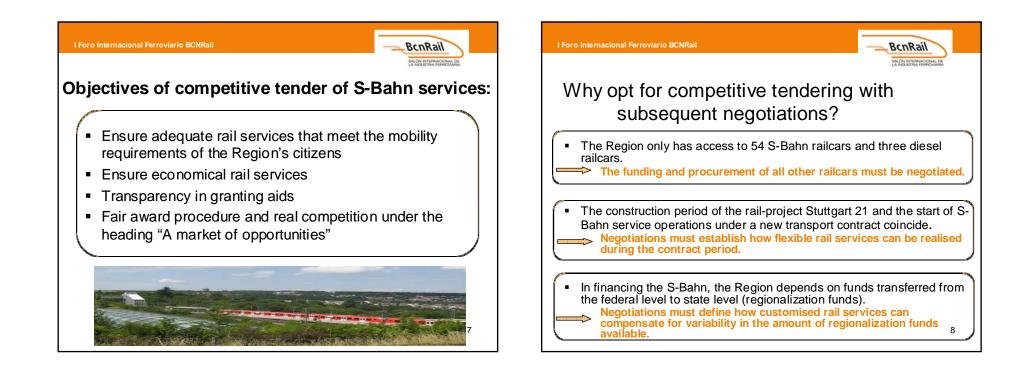


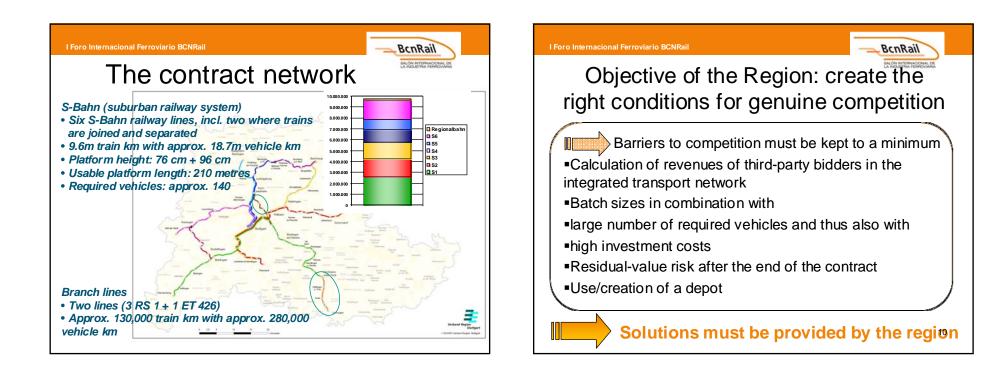


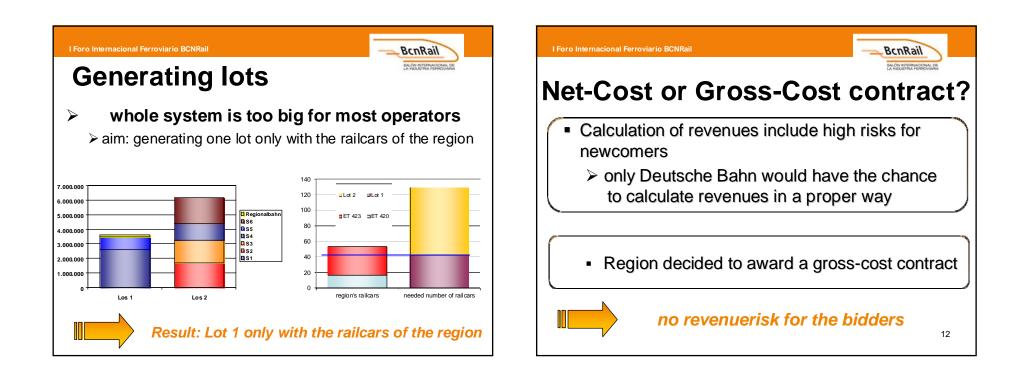
l Foro Internacio	onal Ferroviario BCNRail	cnRail	
Competition in Germany			
until 1996	"Deutsche Bahn AG" was almost the only operator for rail services in Germany		
1996	public transport became "regionalized", the federal states have to decide on their local and regional public transport themselves instead of the federal government and get subsidies from the federal government		
1996-2004	most of the federal states awarded long-term contracts directly to Deutsche Bahn		
since 2004	smaller parts of the long-term contracts were awarded in tendering processes, usually only diesel-networks; market share of Deutsche Bahn fell to 83%		
2007	the federal government reduced the subsidy-payments to the federal states; the need for tendering grew due to the lack of money		
2009	economic crises makes it very difficult to realize competition, for it is very difficult for most of the players to finance rolling stock		
2009-2013	for most of the contracts awarded until 2004, the tendering procedure for the next contract has to start, up to 70 million train-km per year		
		4	

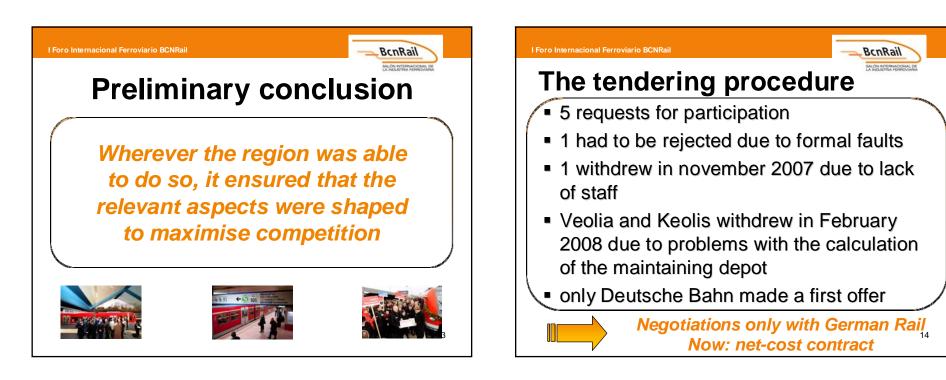


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Competition in Stuttgart Region		
1996	Greater Stuttgart Region became PTA for suburban rail in Stuttgart	
until 2003	the existing contract with Deutsche Bahn has been prolonged several times	
2002	several competitors denied to be able to run a service like the S-Bahn before 2012 due to the lack of rolling stock	
2003	the region awarded a new contract directly to Deutsche Bahn	
2005	preparation of the following tendering procedure: creation of lots	
2006	competitive selection procedure, cancelled in 2007 due to European Court-Decision	
2007 - 2009	negotiation with a call for competition for the S-Bahn	
2013 -2028	duration of the awarded contract	









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## Preliminary result of the tender

The competitive tendering process showed that, in 2008, competition was objectively impossible for a complex system like the Stuttgart suburban railway system.







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## **Cost calculation**

 It is important to have highly detailed costing system with a large number of components in order to map changes over the years

Examples of possible cost groups:

- ✓ Overhead costs
- ✓ Costs of different personnel
- ✓ Distribution
- ✓ Rolling stock (fixed costs, variable costs, costs of maintenance)
- Maintenance facilities
- Define the indicators that should be used for updating different costs

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# Updating of cost figures

- Each cost item must be assigned to a cost group so as to specify suitable updating indicators
- Possible cost groups: human resources, vehicle, energy (electricity and diesel) and other costs
- Specify which costs are not subject to updating, e.g. cost of financing



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### Increased/reduced service level

 Service level can be expected to change throughout the term of the contract

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- Cost elements must only be included if they are mileagedependent (exceptions: temporary residual costs and stepped vehicle costs)
- The basic calculation must show for each cost item whether it is used for an increase in service level or not

It must be possible to specify additional costs / reductions at any time and without complex cost calculations

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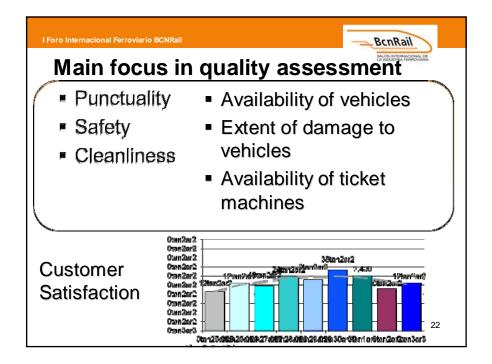
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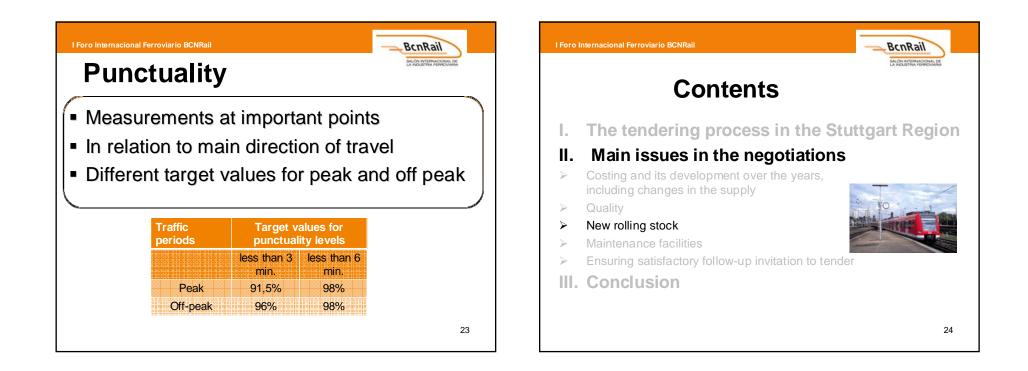
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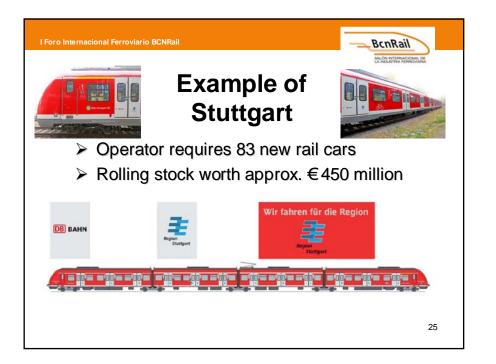
### Quality



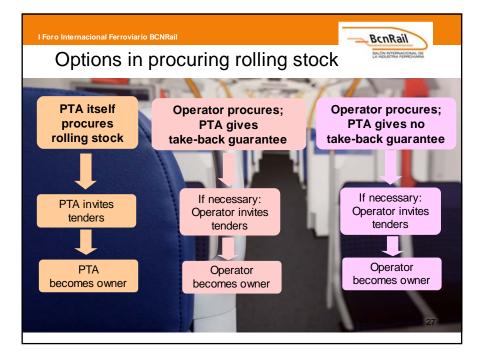
- Quality is an important element in the creation of customer loyalty
- Performance quality must be measured at regular intervals in order to evaluate it
- It is reasonable to apply suitable penalties as an incentive to ensure the agreed quality
- Weighting may differ from one region to another

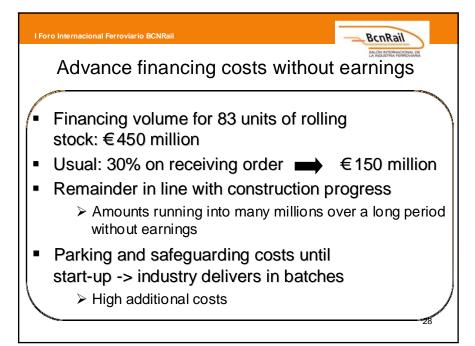


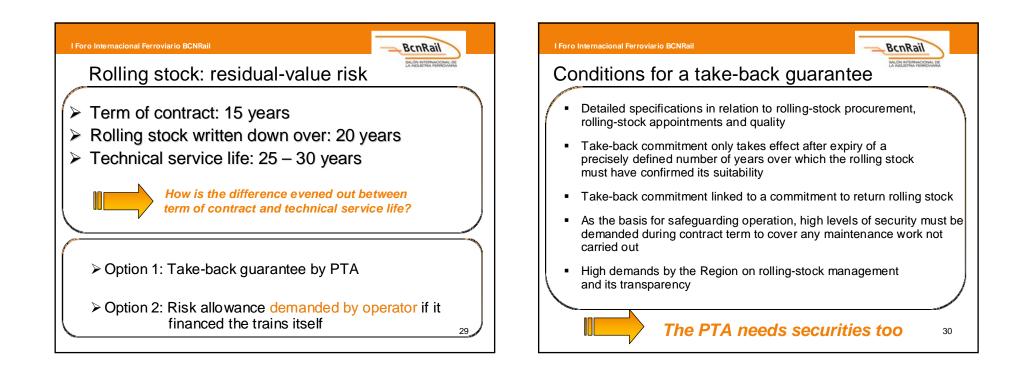












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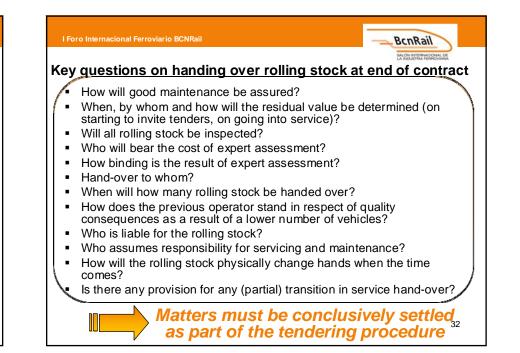
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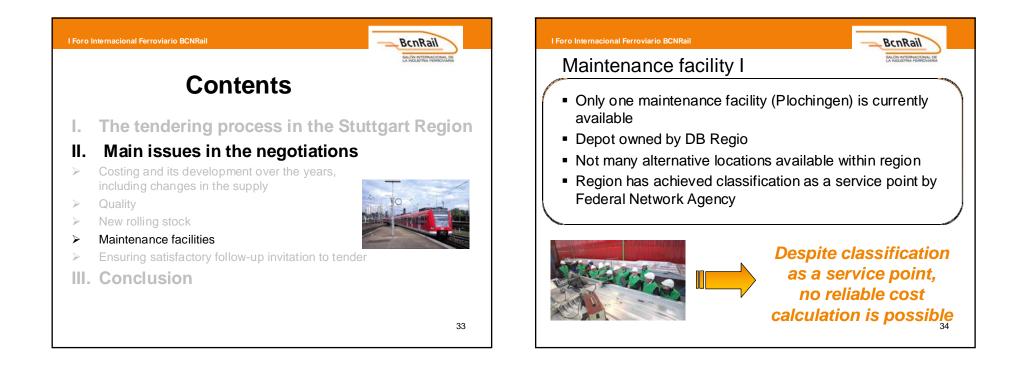
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#### Demands on rolling-stock management

- Operator must implement a maintenance planning system (MPS) and keep it up to date at all times
- Region provided with full access to MPS
- Specification of MPS contents that must be updated
- Concept for returning rolling stock is described in detail on entering the contract
- Details on returning rolling stock must be stipulated on entering the contract

PTA must be fully informed at all times on state of rolling stock fleet







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### Maintenance facility II

- Planning, construction and operation of maintenance facility is operator's responsibility
- Region may be prepared to provide funding
- The region would like to take over a depot for the maintenance of the S-Bahn vehicles after the end of the contract
- Alternatively, show how maintenance of S-Bahn and other regional transport vehicles will be contractually secured for the follow-up contract in geographical proximity

**Definition of specifics** through negotiations

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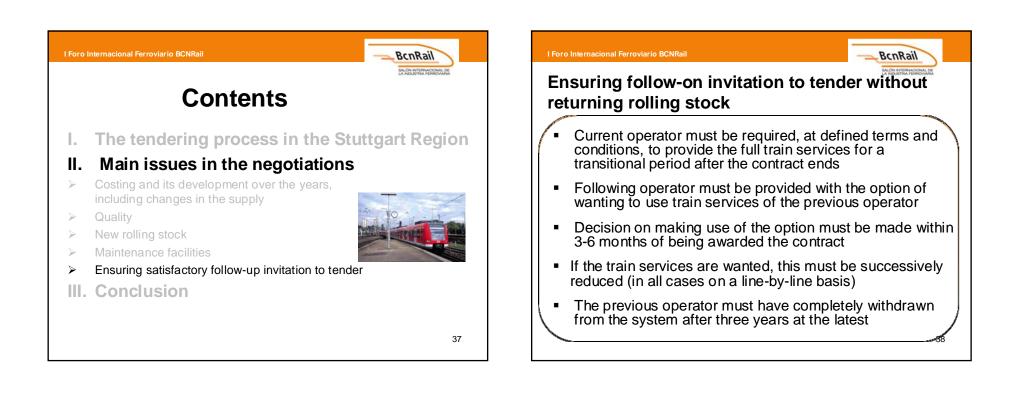
I Foro Internacional Ferroviario BCNRail Important issues for the hand-over of the maintenance facility at the end of the contract

- When, how and by whom will the residual value be determined (beginning of tender, start-up)?
- What equipment will also be handed over?
- How will it be ensured that only necessary investments are made?
- How will it be ensured that any necessary investments will be made at the end of the contract?
- Who will bear the costs of expert reports?
- How binding will be experts' reports be?
- Who will receive the depot?
- How will the physical handover of the depot be handled when the time has come?
- Will there be a (partial) transfer of undertakings?



Issues will need to be resolved and finalised<sub>6</sub> as part of the tendering process

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### Benefits of a train-service contract

 From the outset, follow-on operator alone is responsible for the entire system, previous operator only acts as subcontractor

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- Follow-on operator can successively introduce new rolling stock into the system
- Start-up costs are significantly reduced as rolling stock finished relatively quickly can also be put into service
- At the same time, current operator successively withdraws its rolling stock over three years
- No need to exchange entire fleets on a particular cut-off date
- Costs for the train contract equate to the costs hitherto incurred by the previous operator

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