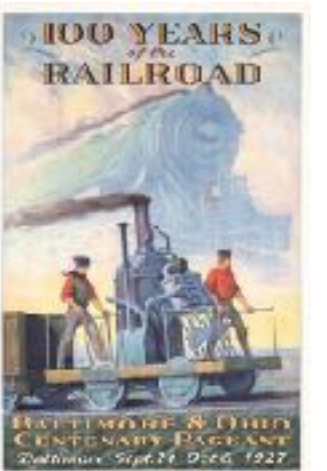
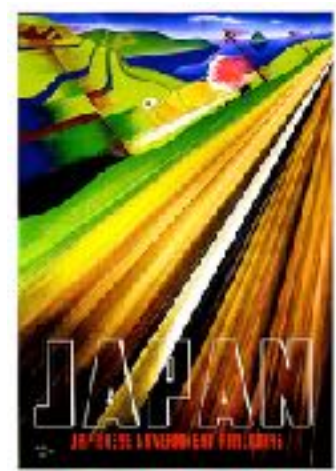
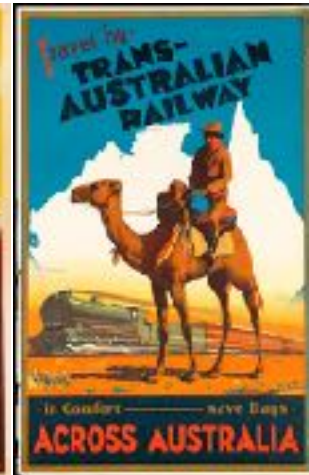


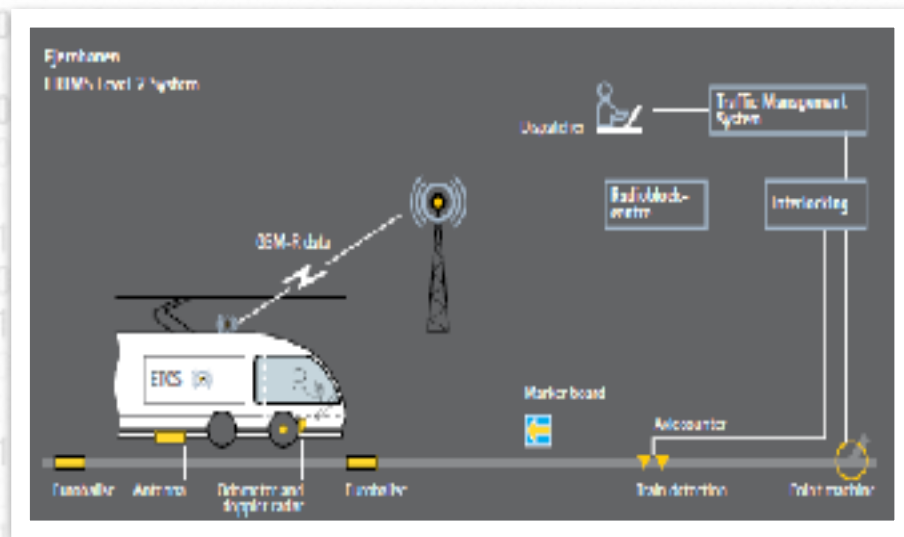
An approach for capturing the commercial value-add of ETCS

Sonja Caraian – *TMS Process Test Manager within the Danish Signalling Programme*
RailTech Conference | Utrecht, The Netherlands | March 26th 2019

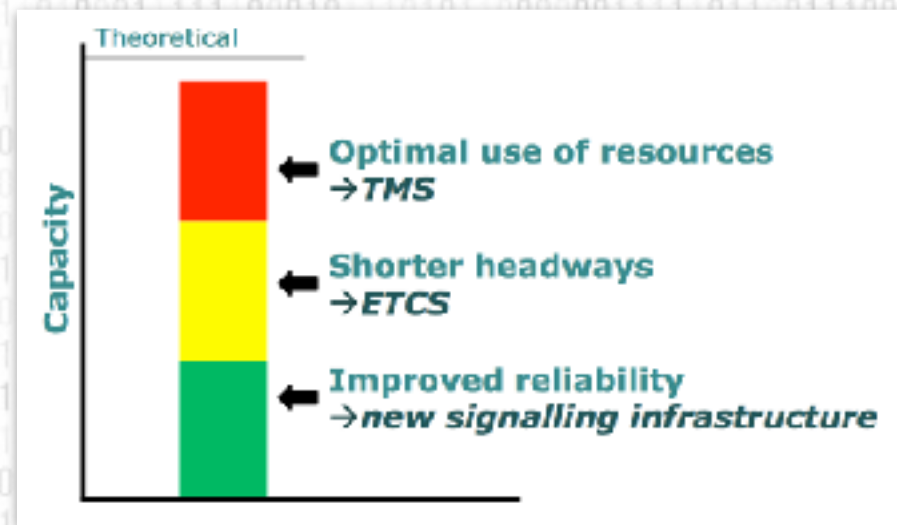
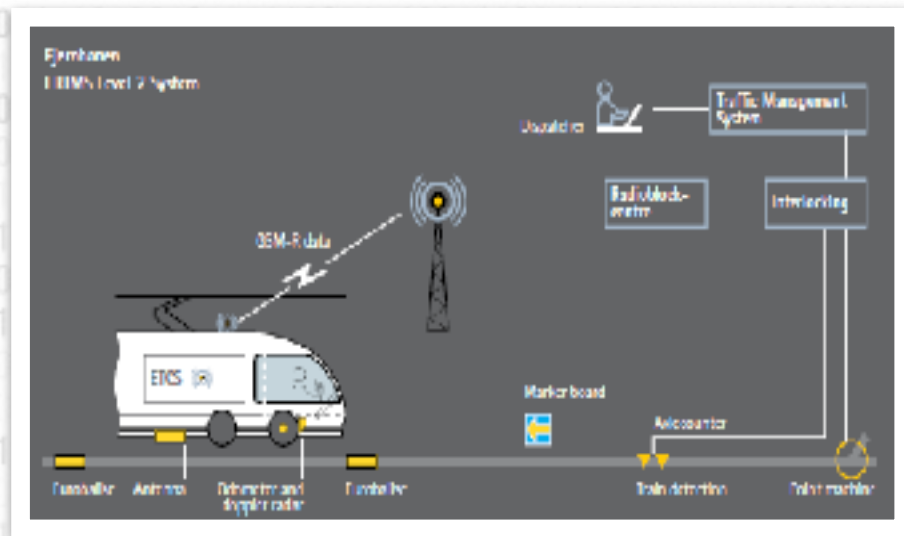


Digital Transformation

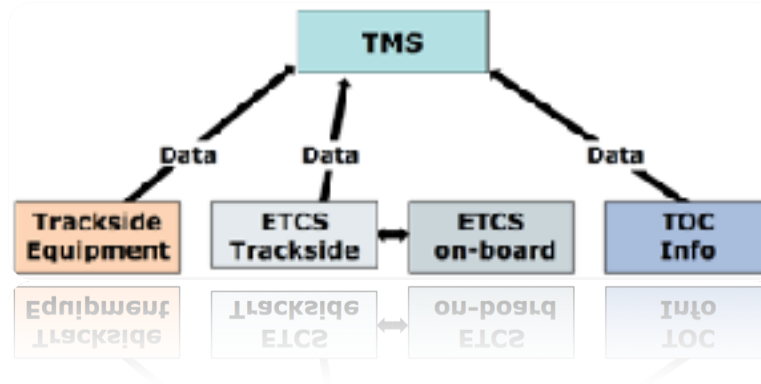
Digital Transformation



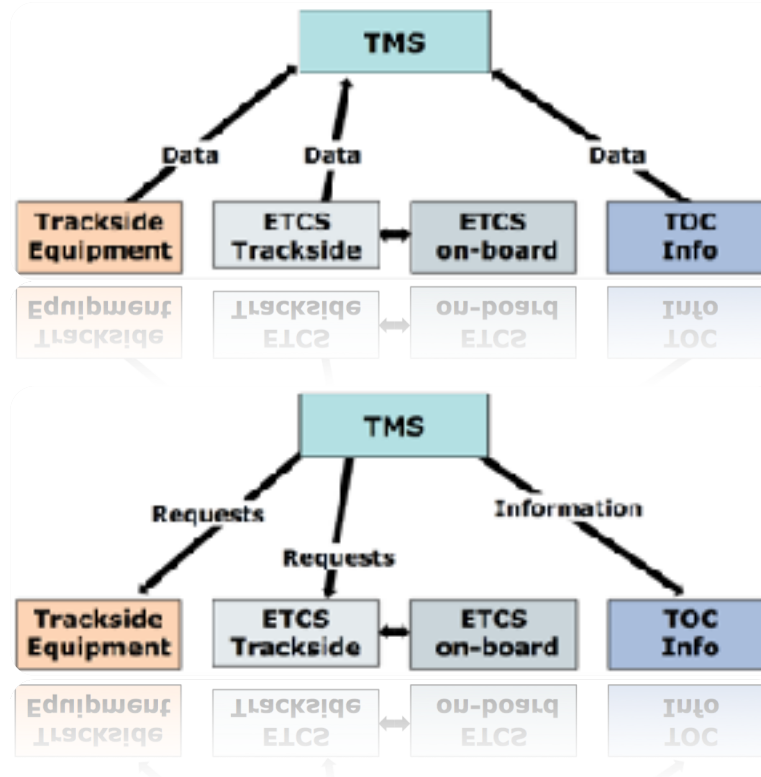
Digital Transformation



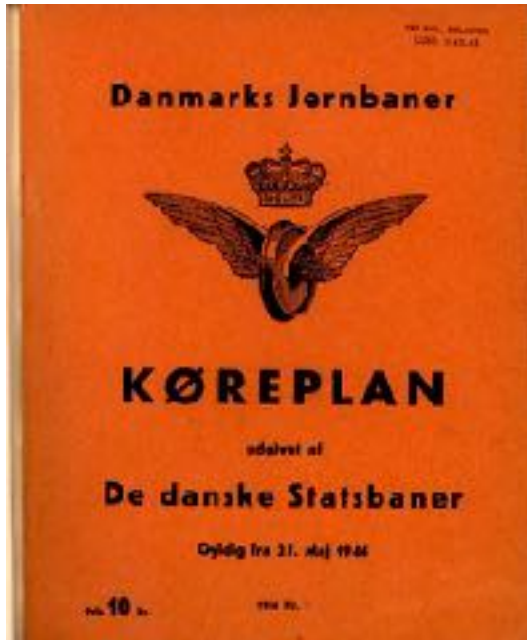
New TMS – data



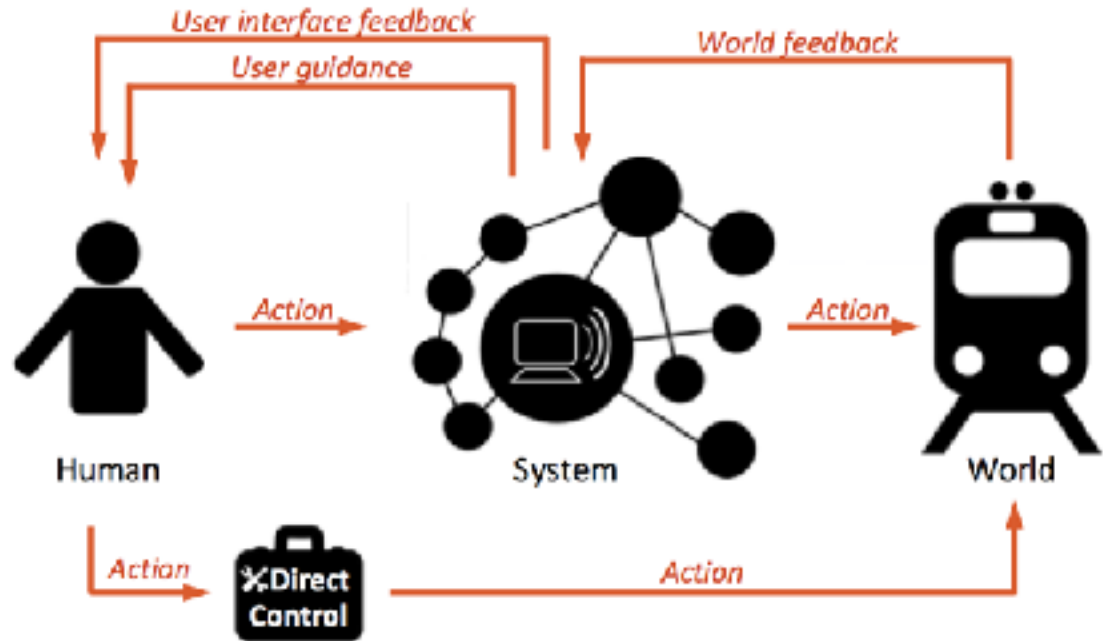
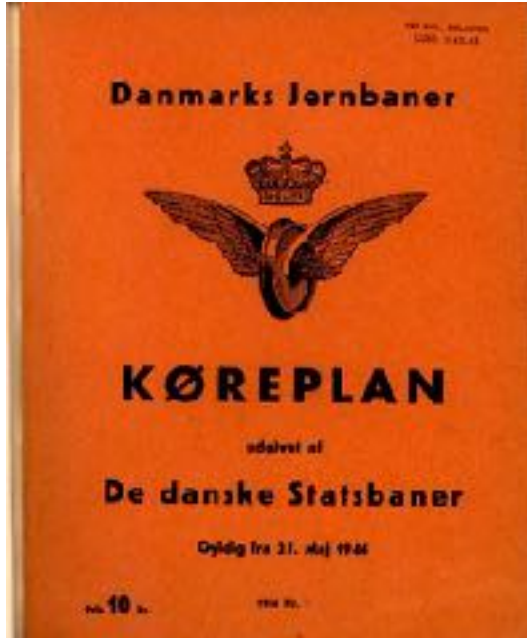
New TMS – data



New TMS – system as a role

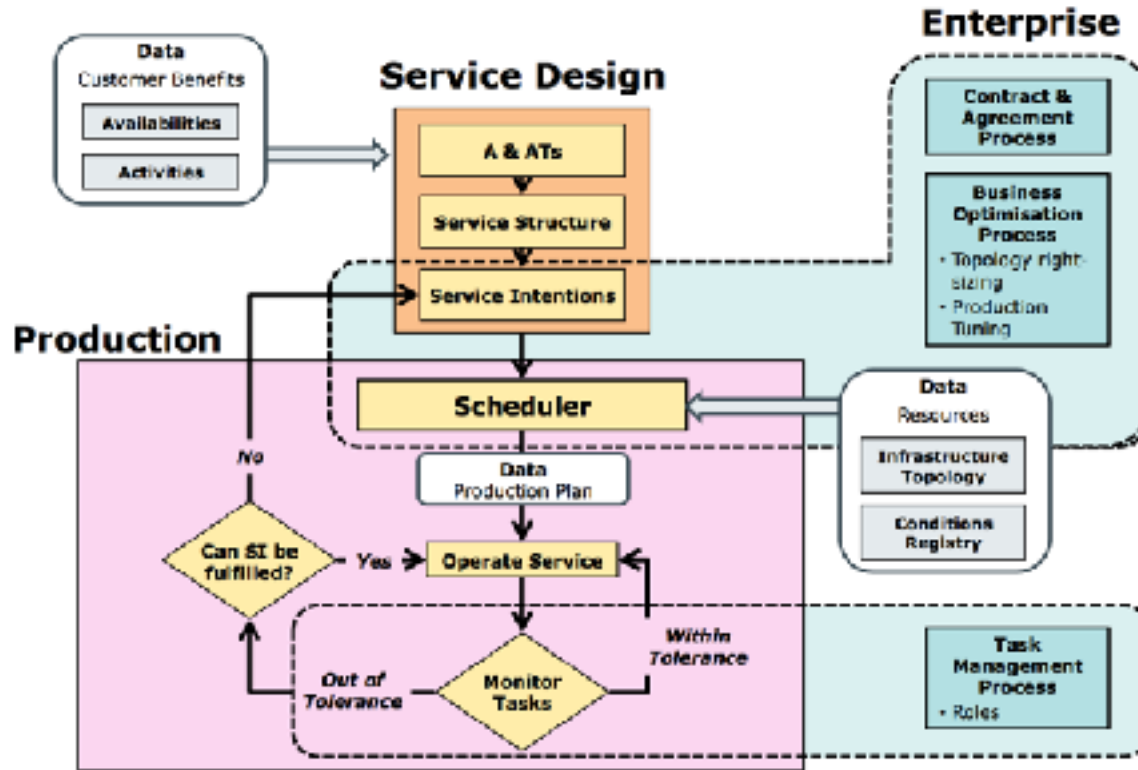


New TMS – system as a role



New TMS – architecture

New TMS – architecture



Business change



Business change



Business change



Conclusion

To better meet
customer needs

and

optimize use of resources,
railway systems and processes

must be redesigned based on the
digitalization ETCS provides

