

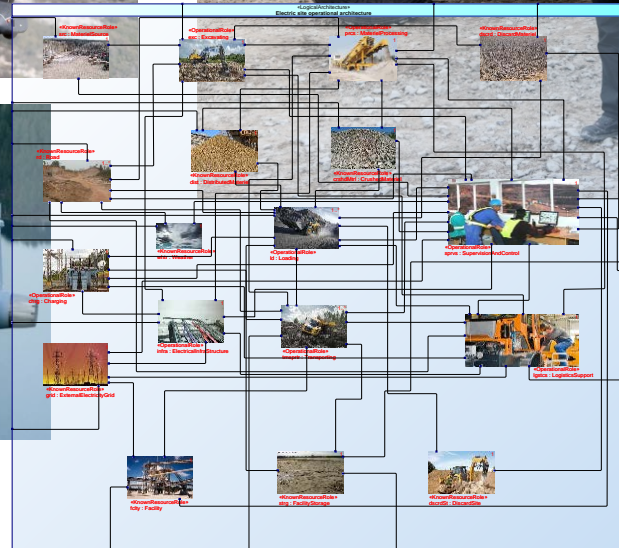
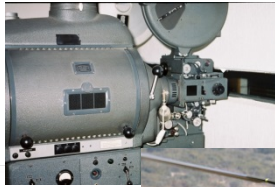


From Vehicles to Services

An Industry in Transformation

Peter Sjöberg

Volvo CE, Emerging Technologies



The Volvo Group

On the road

In the city



Off road

At sea



Our products...



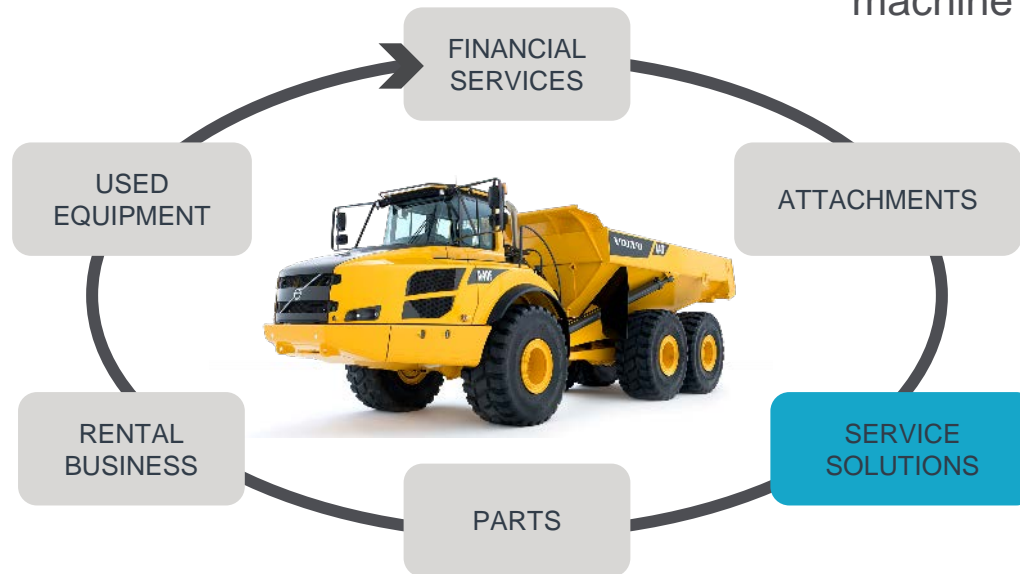


Customer solutions

Our products and services enhance the customer's experience and satisfaction and drive a greater brand experience

Customer Solutions is a key contributor to Volvo CE's business

Customer Solutions is the part of the organization that creates products to engage customers throughout the entire machine lifecycle



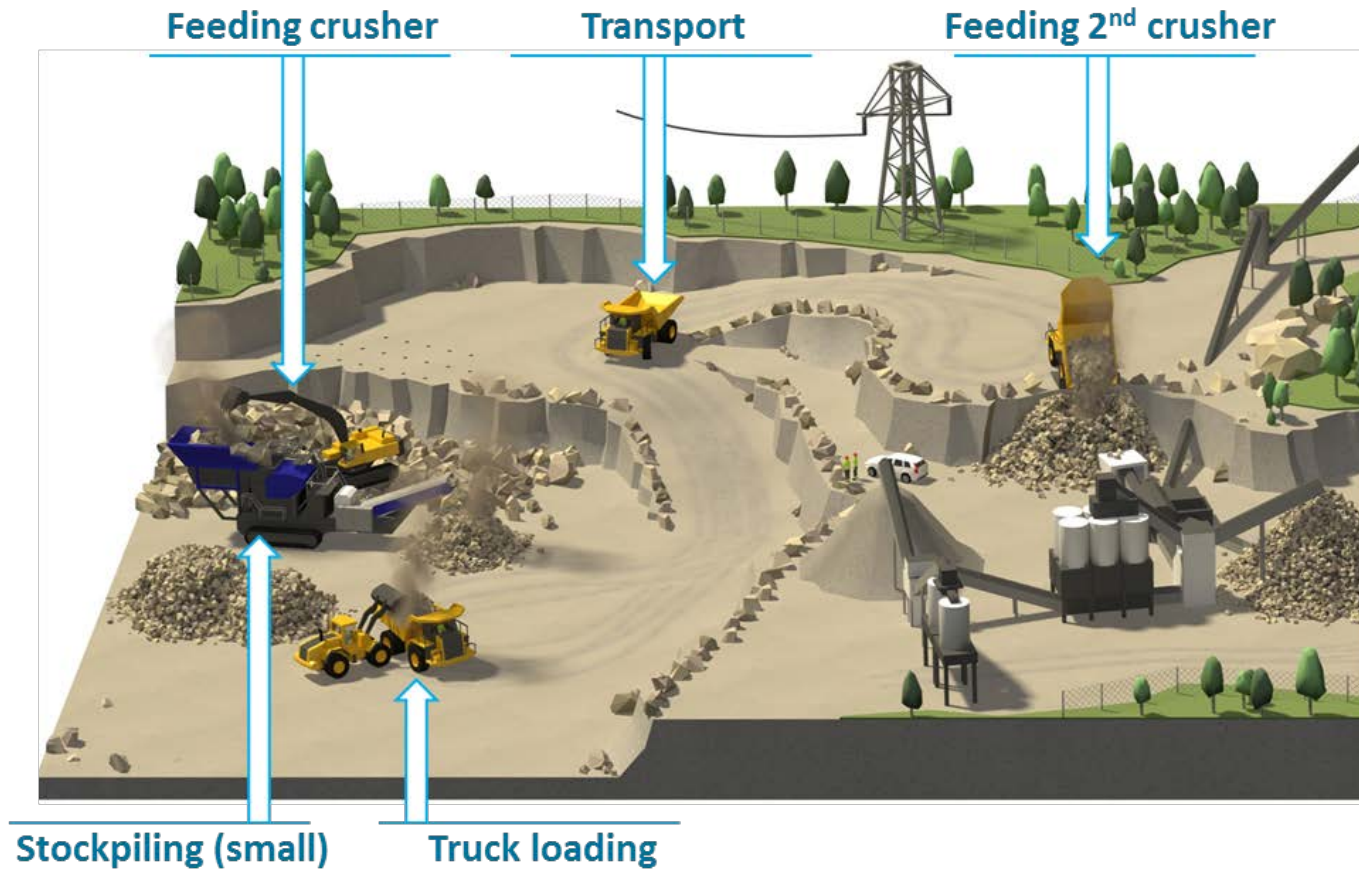
Co-Pilot



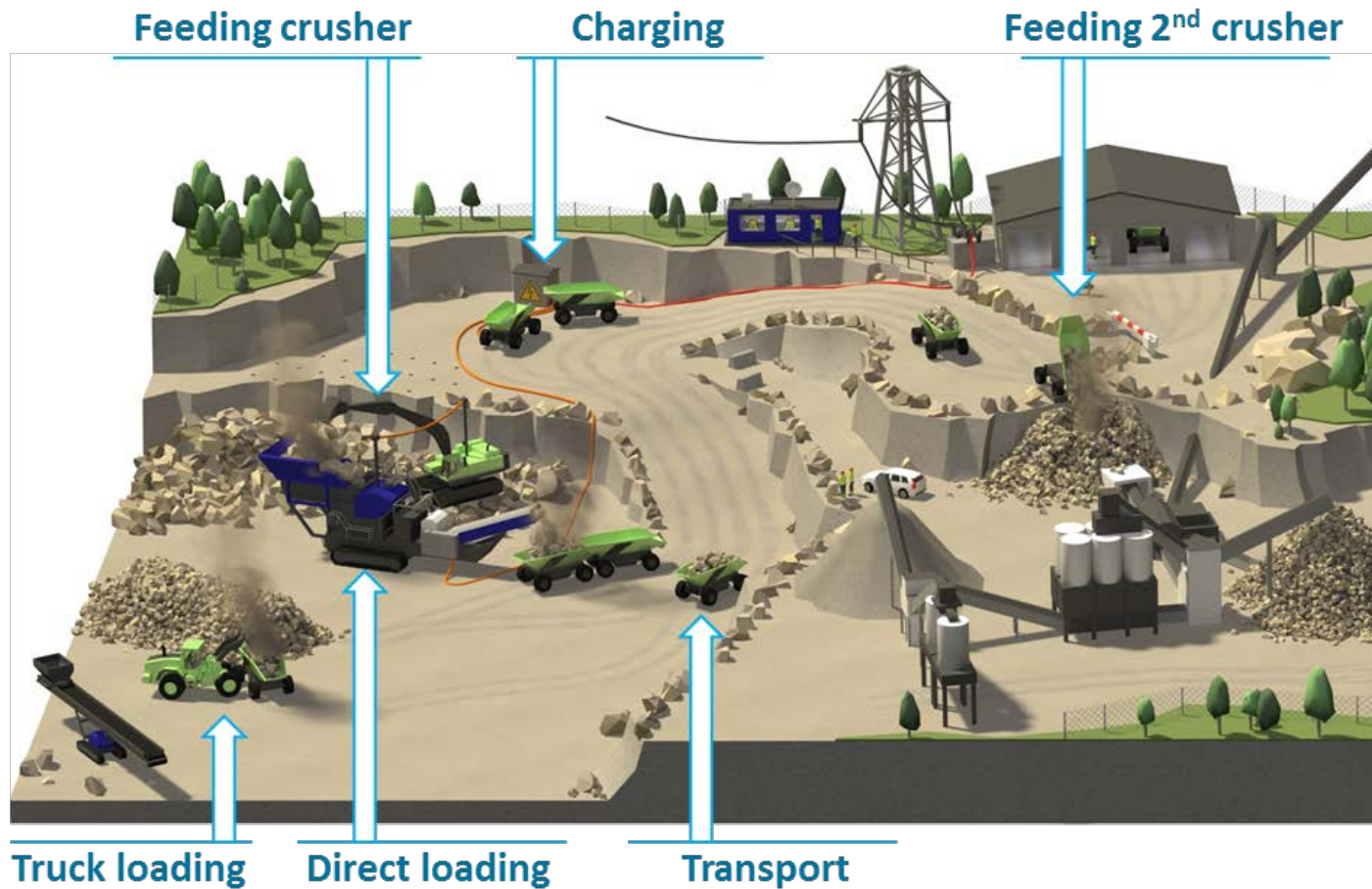
Background, changes in Quarry and Harbours during the last century



Electric Site, Today, Day Shift



Electric Site, Fall 2018, Day Shift



INCOSE Automotive, IS2016 Edinburgh

Subjects

- Increasing Complexity
 - More SW
 - Stear by Wire
- Connected Vehicles
 - Apps
 - Additional Services
- Electrification
- Autonomous Driving

Presenting companies:

- BMW
- GM
- Jaguar Land Rover
- Renault – Nissan
- Volvo CE



INCOSE Automotive & Transportation, IS2017 Adelaide

Connected and Autonomous Vehicles

Panelists:

- Hon. Stephen Mullighan, SA Minister for Transport and Infrastructure
- Marcus Burke, Australian National Transport Commission;
- Craig Moran, Roads and Maritime Services, Govt. of New South Wales
- Robert Nilsson, Volvo Car Corporation
- Mark Fusco, Advanced Focus
- Niels De Boer, CETRAN, Centre of Excellence for Testing & Research of Autonomous Vehicles at Nanyang Technological University
- Carla Bailo, Mobility Research, Ohio State University

Challenge Areas

- Users
- Technical
- Regulatory
- Systems

Many of the challenges are of Socio technical type and the systems are actually System of Systems

The report will be presented during the INCOSE EMEA workshop in Mannheim 19-21 during the joint SoS/AWG session





https://www.youtube.com/watch?v=69_hBrjSF-o

