VOLVO CARS ELECTRIFICATION
VOLVO CARS AT A GLANCE (FY 2018)

642,253
Cars sold

38,000+
Employees

+/- 2,300
Retailers in 100 countries
OUR INDUSTRIAL PRESENCE

Americas
- USA
  Rockleigh: Americas headquarters
- Camarillo: Design centre
- Silicon Valley: R&D Centre
- Charleston: Manufacturing plant

EMEA
- Sweden
  Gothenburg: Head office, product development, design centre, marketing, administration, manufacturing plant
  Skövde and Olofström: Engine & component manufacturing
  Stockholm & Lund: R&D Centre
- Belgium
  Ghent: manufacturing plant
- Denmark
  Copenhagen: R&D Centre

Asia Pacific
- China
  Shanghai: Asia Pacific headquarters, engineering centre, design centre
  Chengdu: Manufacturing plant
  Daqing: Manufacturing plant
  Luqiao: Manufacturing plant
  Zhangjiakou: Engine manufacturing plant
- India
  Bangalore: Assembly plant
- Malaysia
  Kuala Lumpur: Assembly plant
A COMPANY WITH A PURPOSE

Everything we do starts with people

Our vision is that no one should be seriously injured or killed in a new Volvo car by 2020

Our vision to provide 1 week quality time per year through a new Volvo car by 2025

Our commitment to have put 1 million electrified vehicles on the roads by 2025
OMTANKE

There is a Swedish word that means “caring” and “consideration”, but also importantly “to think again”. This word is “omtanke” and summaries our way of protecting what’s important to you.
Omtanke is about working to minimise the negative impacts of our business and even bringing about positive change through our activities.

It involves reducing the environmental impact from our own operations.

We have pledge to be carbon neutral by 2025.
THE IMPACT OF OUR PRODUCTS

Omtanke is about protecting you and your world, which we do by managing the impacts of our products.

We are developing vehicles with improved life-cycle performance and low-emissions to ensure they have less impact on our planet.

We are continuously developing industry-leading solutions that further promote safety, well-being and sustainable experiences for the customer.
OUR ROLE IN SOCIETY

Omtanke is about contributing towards a better society and protecting people and our climate by creating partnerships for sustainable development and promoting traffic safety in the car industry together with local and international organisations. It also guides us in our work to encourage responsible business practices throughout our value chain by promoting ethical leadership and human rights.
THE END OF DIESEL?

Declining diesel sales overall, despite variations among EU countries

Access restrictions & bans
**VOLVO CARS ELECTRIFICATION STORY**

- **Electric Car 1976**
- **ECC 1992 (Series Hybrid)**
- **Environmental Concept Car**
- **ISG 42V 1998-2001 ”Sevilla”**
  - Integrated Starter Generator
- **S60L petrol PHEV**
  - 2015 (China)
- **XC90 Petrol PHEV**
  - 2015
- **S90/V90 Petrol PHEV**
  - 2016
- **C30 Electric 2011**
- **XC40 Petrol PHEV**
  - 2019
- **XC60 Petrol PHEV**
  - 2017
- **XC60 Petrol PHEV 2012**
- **V60 diesel PHEV**
  - 2012
COMMITTED TO ELECTRIFICATION

ALL NEW MODELS AFTER 2019 WITH AN ELECTRIC MOTOR

50% ANNUAL SALES VOLUME ARE BEV BY 2025

BRAKE RECOVERY (MILD HEV)
TWIN ENGINE (PHEV)
PURE (BEV)
CHALLENGES AHEAD

Investments
Skills
Supply chain
Batteries
Profitability
CHALLENGES AHEAD

The Air Quality vs. CO2 dilemma
Affordability & public support
Charging ecosystem
Employment
THANK YOU FOR YOUR ATTENTION