

Global brand and thought leader

- Continuously acknowledged as one of the most promising startups globally
- Featured in key business papers
 e.g. Financial Times, Wall Street Journal, The Economist,
 Washington Post, Wired, CNN, BBC and others.

Number of articles

20,000+

Gartner research mentioning (in 2020)

2,500+

Media Value (AEV) \$10m+

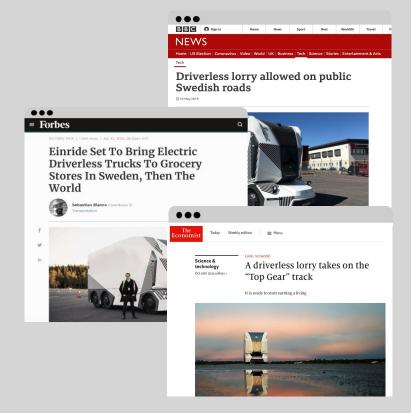
Exclusive members of World Economic Forum Shaping the Future of Mobility

WORLD ECONOMIC FORUM 2,000,000,000+

Media reach

Named one of the world's Most Innovative Companies for 2021 by FastCompany





"Swedish Einride could soon disrupt the transportation industry" "A Swedish company has quietly overtaken Tesla"

~Christoph Damm, Business Insider

~Gene Marks, Washington Post



Today

Weekly edition

≡ Menu

Science & technology

Oct 20th 2020 edition >

Look, no hands!

A driverless lorry takes on the "Top Gear" track

It is ready to start earning a living



The transport technology that will change the world

Shippers are dealing with several challenges

~7%

Road freight transport is one of the fastest growing contributors of greenhouse gas emissions globally.

eCommerce accelerate the trend

~0

Very few carriers can provide cost competitive and/or electric transport.

There are few options on the market, yet



Current market dynamics is built around diesel-trucks



Lack of digitalization in large parts of the transport industry



Governments banning diesel options in cities



Electrification and automation requires centralized approach

Carriers are dealing with several challenges

~100%

All Shippers knows they have to change to Sustainable Logistics for their own survival and growth!

~0

Few Customers & end-Consumers want to pay additional for sustainable and innovative transport solutions!



Radical Tax incentives needed for innovative & progressive Carriers



Incentives for digitalization the transport industry



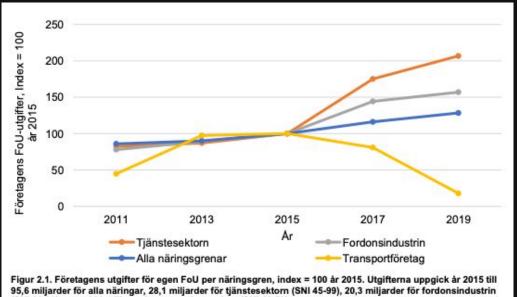
Very small options to reduce cost for sustainable transport



Electrification and automation requires centralized approach

Crisis in the transport industry

R&D spending 2011-2019 by industry (Sweden)

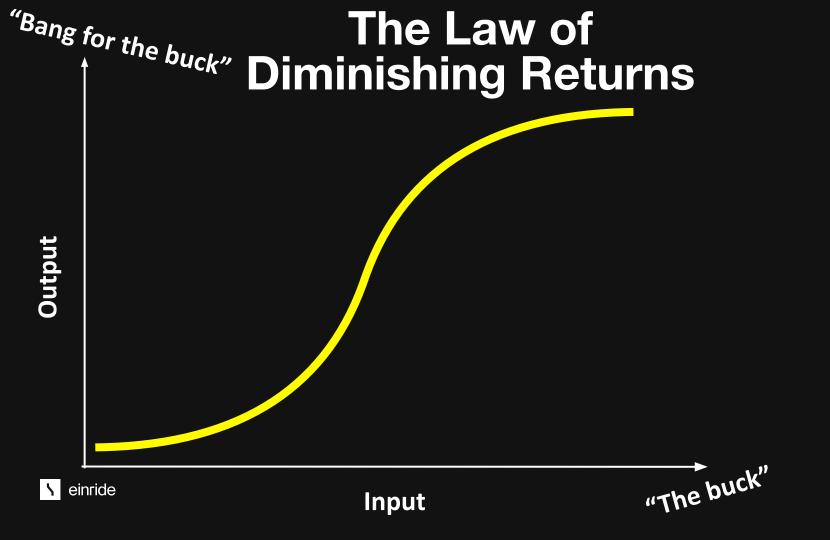


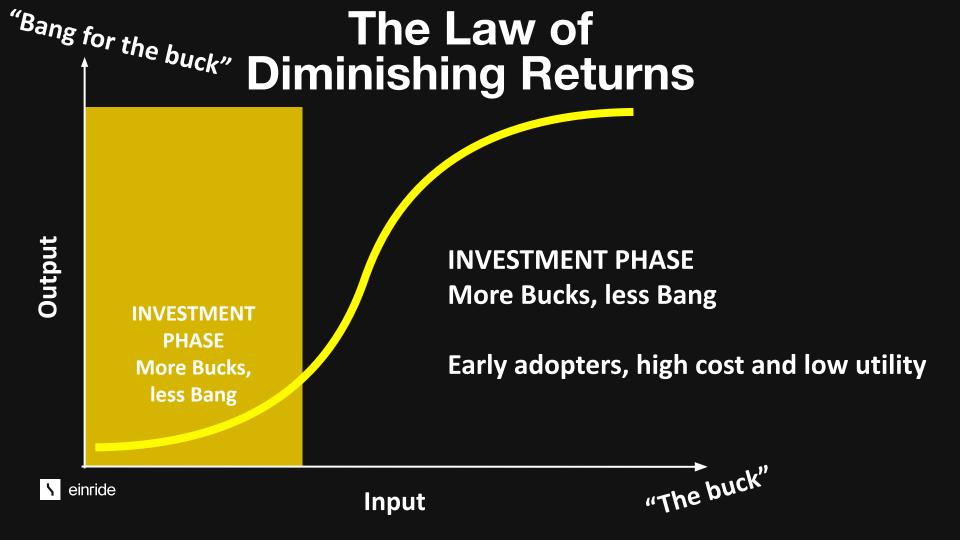
(SNI 29-30), samt 332 millioner i transportbranschen (SNI 49-53). Källa: SCB33

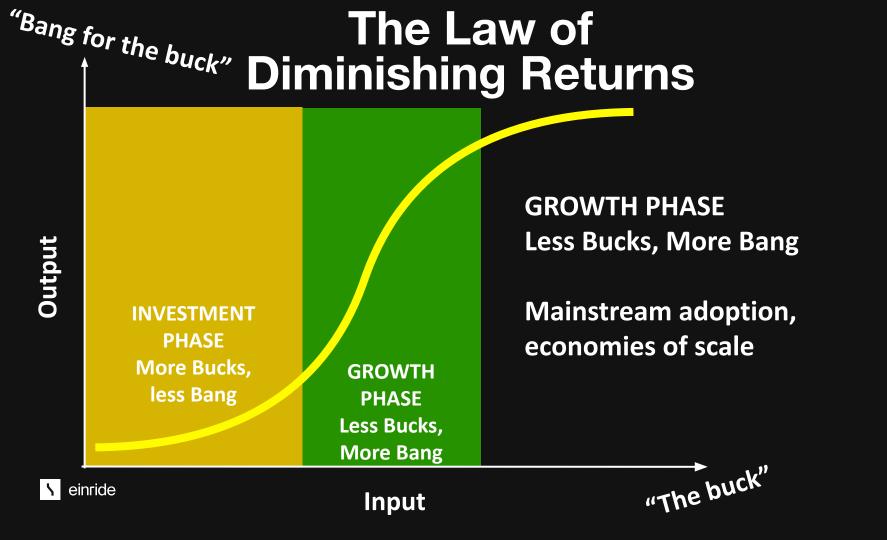
Compared to 2015

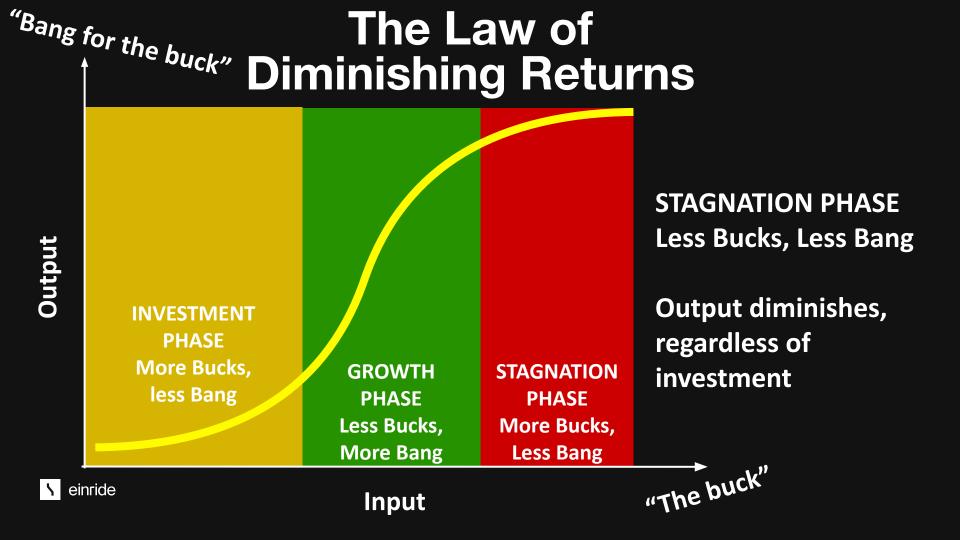
- All industries together increased 25%
- **Automotive by 50%**
- Services by 100%
- Transport down 80%!

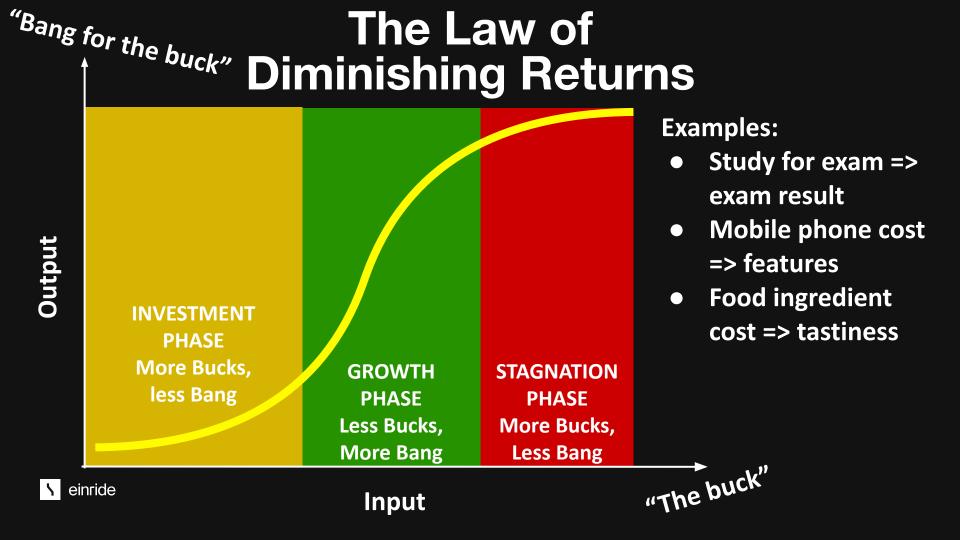












Stagnation of the transport industry - some reasons

Have done OK so far

Focused on improving existing solutions

Low profit margins

Low digital maturity

Large balance sheets

Fragmented industry

Reductionism



einride

Reducing complexity

Reality Model

Reducing complexity

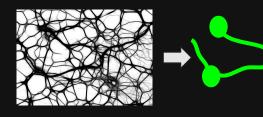
Reality Model

Reducing complexity

Reality Model



Reduction strategy



- Great way to handle large and complex systems
 - When time is short
 - When data is scarce
 - When data processing power is limited
- But it comes with a price...
 - Standardization vs utilization (no containers are ever 100% full)
 - Sub optimal solutions (solve the model, not the real problem)
- And when we go electric we introduce a new level of complexity...





Planning for ICE fleet

Distance
Volume/weight
Time
Load factor/utilisation

Can be treated as independent variables



Planning for BEV fleet

Volume/weight
Time
Load factor/utilisation

Topography
Weather
Charging
Battery size
Driving speed

...

Dependent, interconnected variables





Planning for ICE fleet

Distance Volume/weight Time Load factor/utilisa

Can be treated as in variables



Planning for BEV

Also, different goal functions weight

Jau ractor/utilisation

Topography Weather Charging **Battery size Driving speed**

...

Dependent, interconnected variables

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Einride's mission

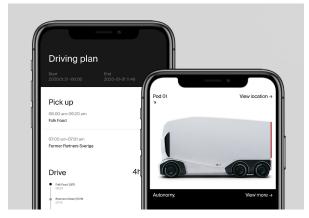
Create sustainable solutions for movement



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Solutions, Services and Benefits







Freight Mobility Platform

Plan, execute and operate a fleet of Battery Electric and/or Autonomous Electric transport vehicles

Electric shipping

Large fleet of heavy electric trucks. Connected vehicles. Routes planned, executed and tracked through the Freight Mobility Platform.

Autonomous Electric shipping

SAE level 4 self-driving No safety driver Remote operations

Live in operations:

Pallets shipped 70,800+

Km driven 224,900+

Kg CO2 savings 240,000+

Electric shipping

Intelligent and connected electric vehicles

Operated by carrier partners jointly with Einride

Readily available for deployment

Live with operations

Pallets shipped Km driven Kg CO2 savings 70,800+ 224,900+ 240,000+

Loading capacity: 18 pallets / 33 pallets
Range per charge: up to 200 km / 140 km
Gross vehicle weight: 26 tonnes / 44 tonnes

Payload: up to 16 tonnes / 24 tonnes

Global sourcing capabilities





Environmental sustainability

90% CO2 reduction and 0% other air pollutants in road freight compared to diesel



Does Your company want to be part of the Future of Logistics?

- We need more Carrier Partners in Sweden!

For more information: po@einride.tech +46 (0)73 822 17 56