



IBS-CONFERENCE  
11<sup>TH</sup> OCTOBER 2018  
**INNOFREIGHT**

Share your **logistics challenges** with us  
– together we will achieve **the optimal solution!**



# NEWS



➤ Innofreight locomotive from SŽ Cargo



# INNOFREIGHT – THE COMPANY

- Development of innovative, patented freight transport and logistics systems
- Complete logistics provider in the rail freight sector
- Development of modular equipment solutions
- Optimization in the field of freight transport by rail and in the area of internal logistics

Idea

Concept

Testing

Realization

Service



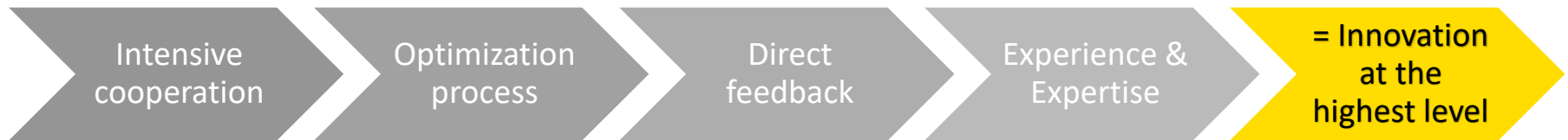
RAILWAY-TRANSPORT



INTERNAL LOGISTICS

# MOVING LIMITS

## ➤ Side by side



## ➤ Custom-made products

The needs of our customers are the focus of every innovation

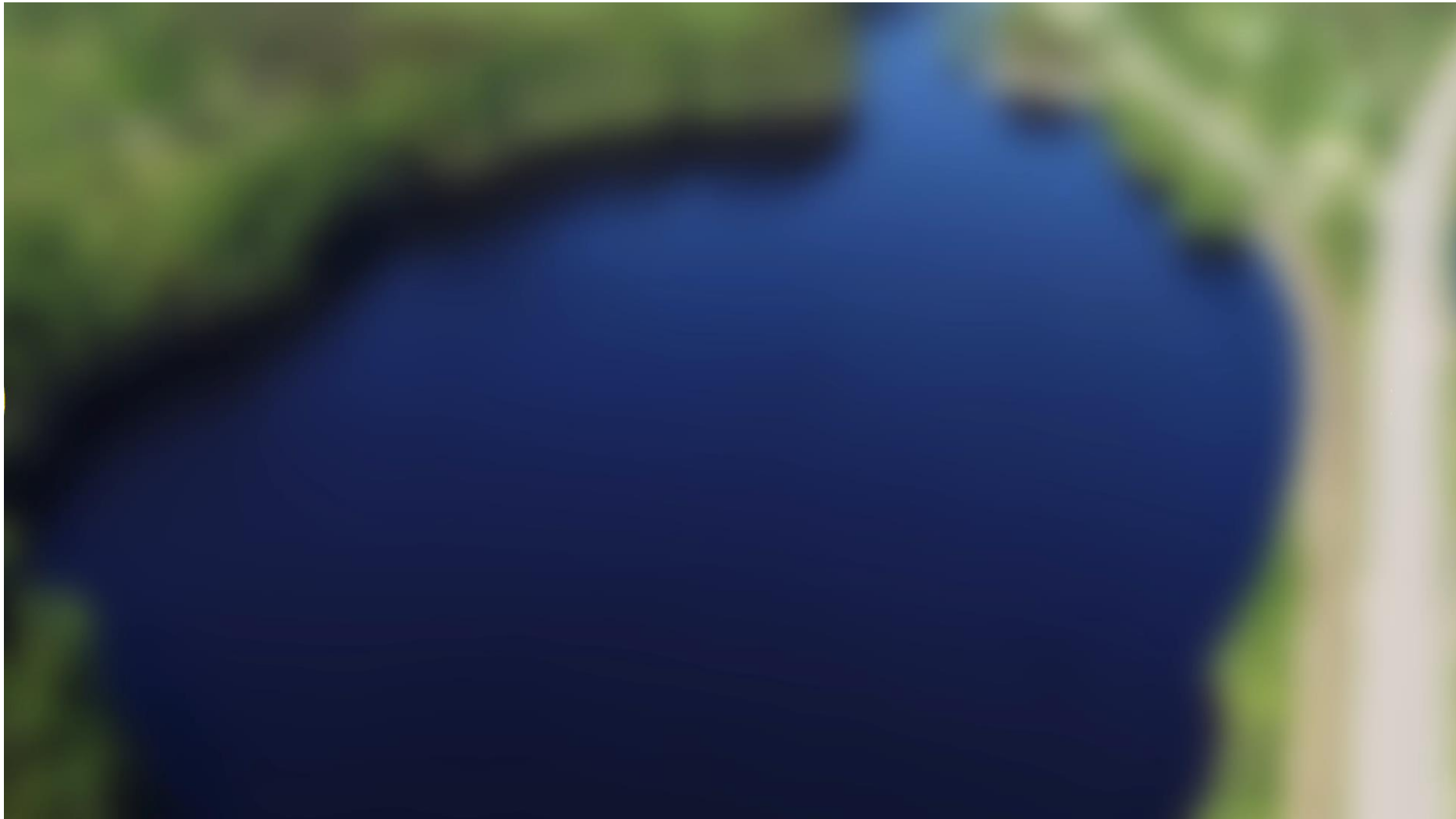
## ➤ Pushing the boundaries without moving beyond them

Optimal payload and flexible handling thanks to perfectly matched components

## ➤ All-round coverage



# MOVING LIMITS



# MOVING LIMITS – FACTS

## 2018

- present in 14 European countries
- transport quantity > 20 million tons of bulk material/year
- 1 million container unloads/year
- 10,000 containers in use
- 52 forklift rotary unloads
- 6 unloading stations
- 1,000 InnoWaggons in use



2002-2013



2014



2015



2016



2017

# COOPERATION - IF/RAILWAY/END-CUSTOMERS

## > END-CUSTOMERS



- > transport of goods more efficiently than before
- > higher payloads, high work safety
- > efficient and reliable unloads

## > RAILWAY



- > fleet optimization by reducing the variety of types
- > reduction of maintenance and infrastructure costs
- > improved competitiveness



## > INNOFREIGHT



- > Provider of innovative equipment
- > Personal investment in logistics technologies
- > Cooperation and leasing of equipment to railways and end-customers
- > Partnership with railways to renew of the freight wagon fleet

# COOPERATION - IF/RAILWAY/END-CUSTOMERS





# INNOFREIGHT – BUSINESS FIELDS

## CONTAINERS



# INNOFREIGHT – BUSINESS FIELDS

## UNLOADING TECHNOLOGIES



# INNOFREIGHT – BUSINESS FIELDS

## WAGONS





# INNOFREIGHT – THE MODULAR CONCEPT

- Modular = **InnoWaggon** + **Special containers** + **Unloading technology**
- higher payload than in special wagons
- container and unloading technology is optimized depending on the type of load and the customer's specific needs
- all components can be combined
- the rolling equipment separable from the structure
- technology is optimized depending on the type of load and the customer's specific needs



# INNOWAGGONFAMILY – NEW STANDARD IN RAIL FREIGHT TRANSPORT

- Short-coupled **60ft, 80ft, 90ft** Container wagons
- Weight of only 28t - 31t
- For standard gauge and broad gauge
- Start traffic InnoWaggons: 2014
- 2nd half 2018 approx. **1,000 InnoWaggons** in use
- Equivalent to: **2,000 single wagons**





# INNOFREIGHT – MODULARITY AND FLEXIBILITY

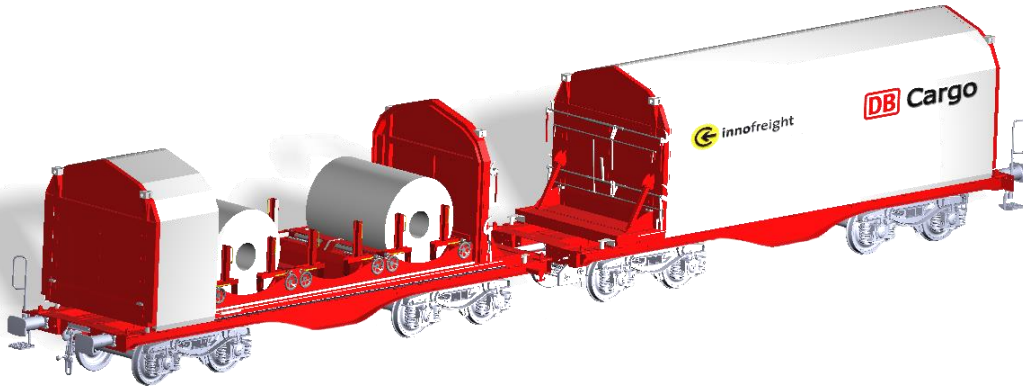


# 20 DIFFERENT CONTAINERS

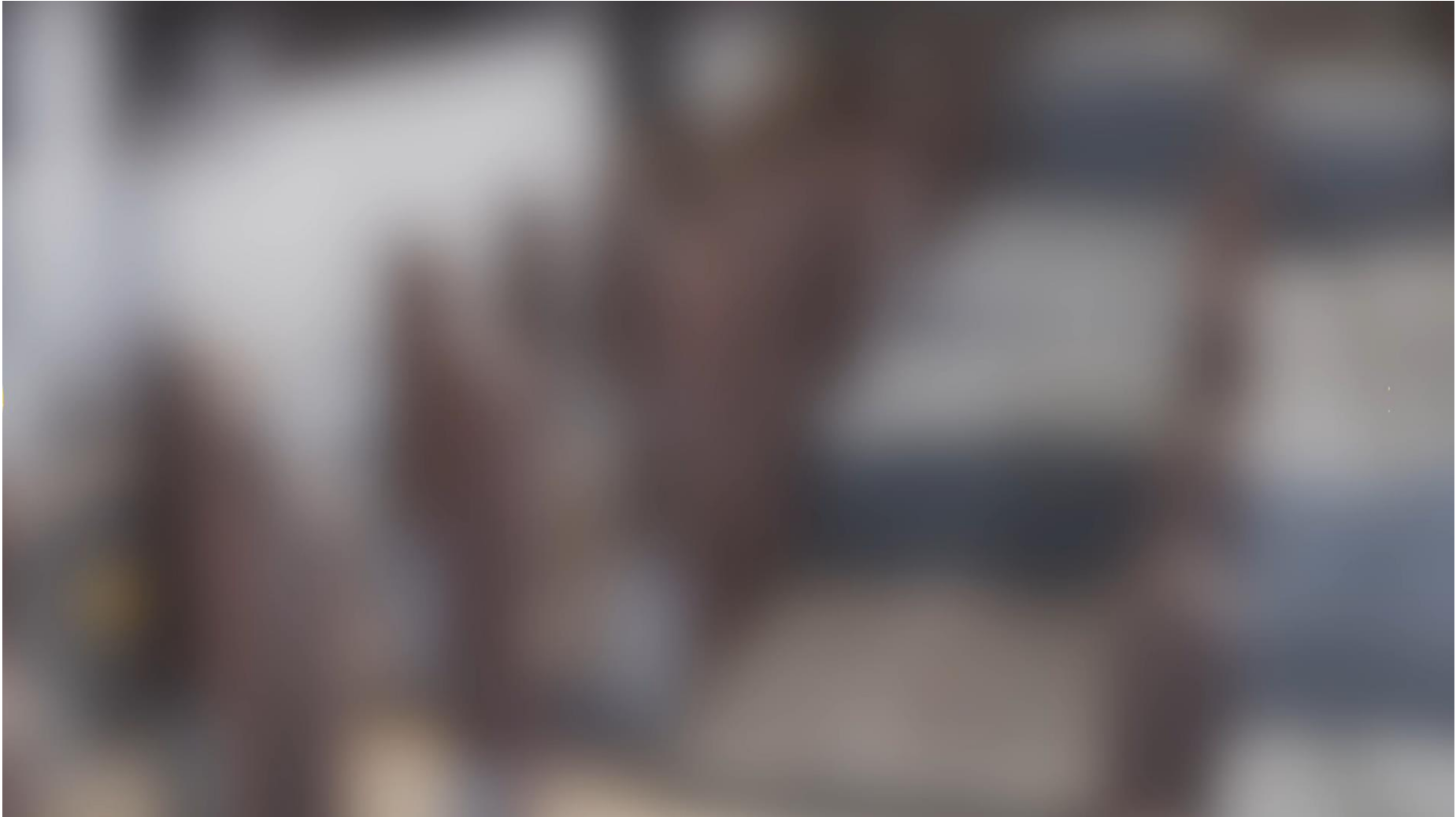




# STEEL LOGISTICS SOLUTIONS — FINISHED PRODUCTS

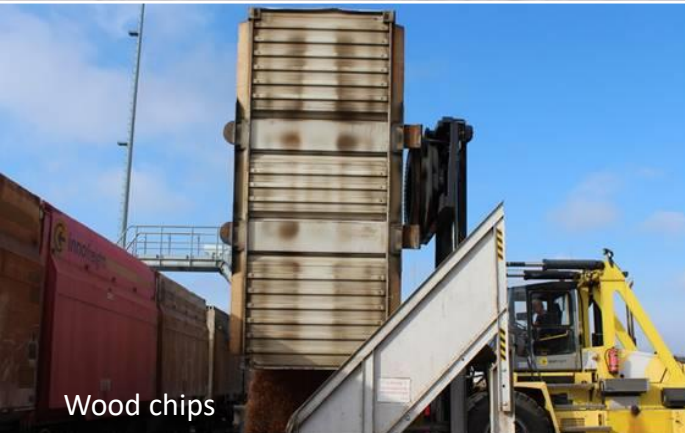


# STEEL LOGISTICS SOLUTIONS — FINISHED PRODUCTS





# MOBILE UNLOADING WITH FORKLIFT



Cost-effective discharge with powerful fork-lift trucks (FLT) :

- onto a storage,
- in a hopper,
- on a slide,
- in a dumper car or truck.



# MOBILE UNLOADING WITH FORKLIFT – KNAUF AUSTRIA





# 144 TIMBER WAGGONS FOR HECTOR RAIL





# CONTAINER UNLOADING SYSTEM FOR MONDI ŠTETI



# 10,000 INNOFREIGHT CONTAINER FOR MONDI





5 MILLION TONS OF BROWN COAL/YEAR FOR SEVEN





# 1,000 INNOWAGGONS FOR ČD CARGO





# SLURRYTAINER FOR OMYA





# SLURRYTAINER FOR OMYA



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INNOFREIGHT — YOUR PARTNER FOR OPTIMIZING YOUR LOGISTICS