Data sharing in Logistics

The Way Forward

Antwerp, 16/06/2021

BASF
We create chemistry

Concept : Digitalizing a physical flow

Building a platform to allow cross-company collaboration (labor) (EMC /Span <MCID 1 Lang (en-US) BDC

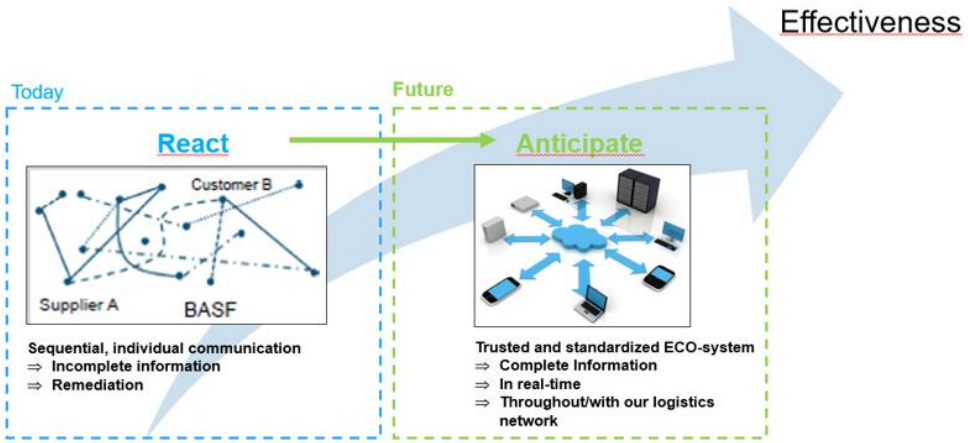
INTER-COMPANY COLLABORATION

platform
data sharing
rules

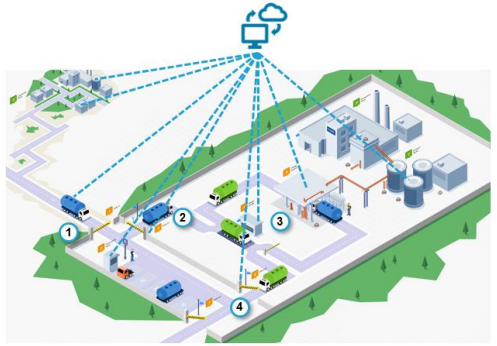
BASF
We create chemistry

Where do we see the value ?

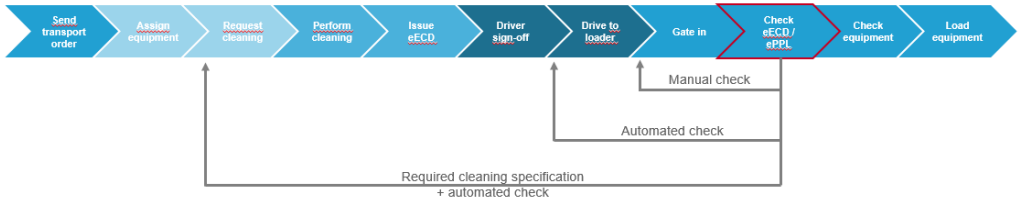
- Increase effectiveness



- by digitalizing physical processes



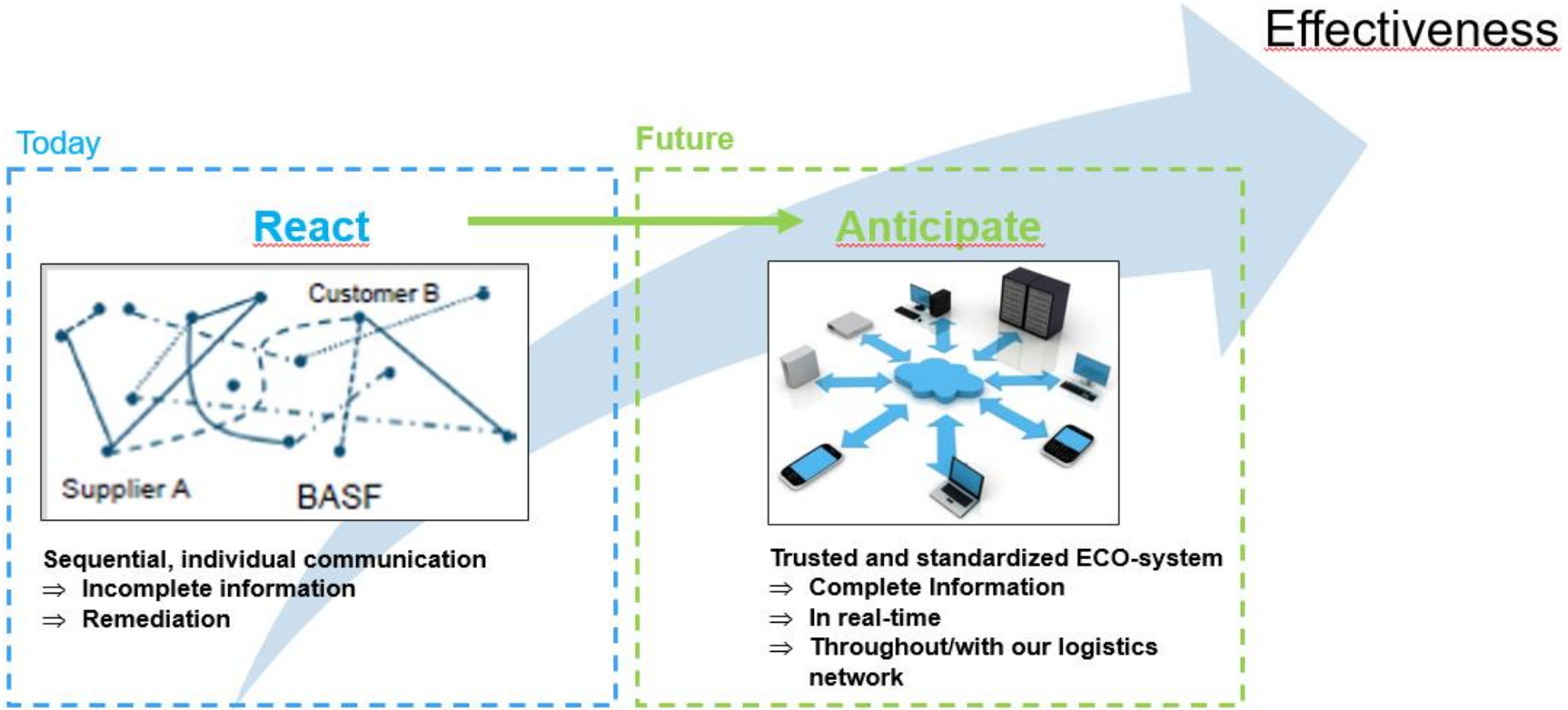
- and move up/automate administrative tasks



BASF
We create chemistry

Where do we see the value ?

Increase effectiveness



BASF
We create chemistry

Pre-Logistics

- Pre-validation of documents (**ECD**, **proof preload doc**, etc.)
- Pre-notification (equipment **master data**, pre-loading restrictions, etc.)
- Pre-arrival notification (**ETA**)
- ...

Gate in

- Automated gate procedures
- Efficient pick and drop concept
- …

On-site Logistics

- On-site transparency
- Automated payload calculation
- …

Gate out

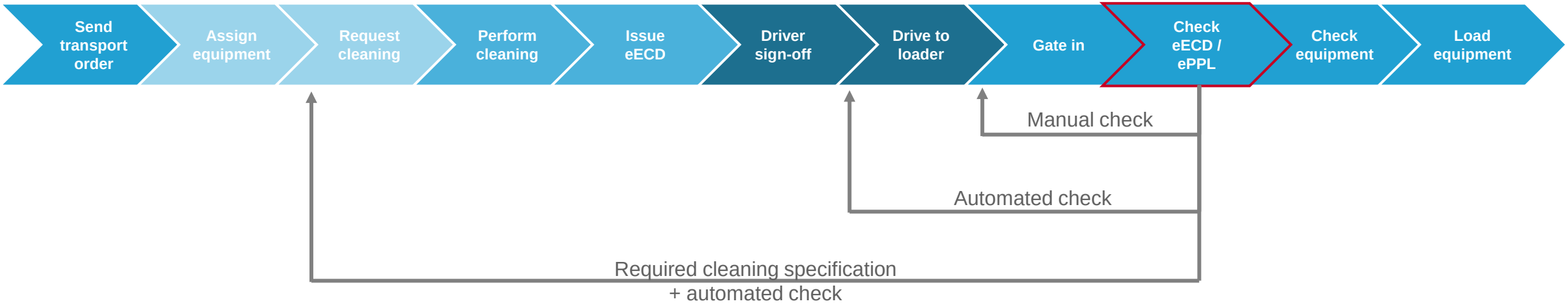
- Digital transport accompanying documents (**eCMR**, etc.)
- Digital customs related documents
- …

Where do we see the value?

And move up/automate administrative tasks

1. Move process steps **earlier** and make **more reliable**
2. **Automize** steps + optimize process

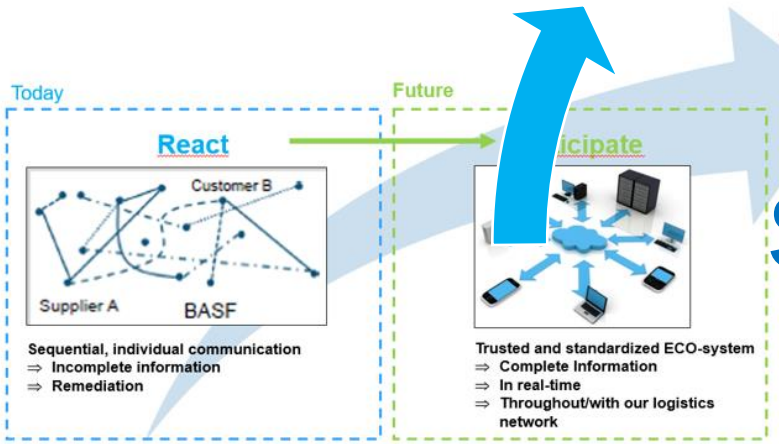
eECD / ePPL use-case



BASF
We create chemistry

Where do we see the value ?

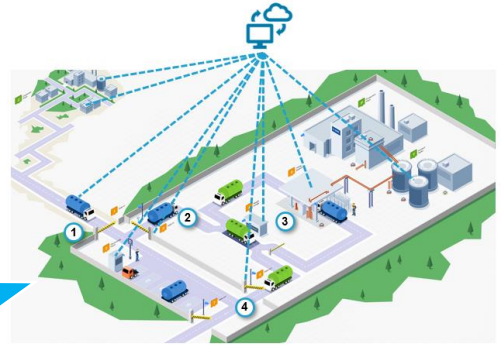
- Increase effectiveness



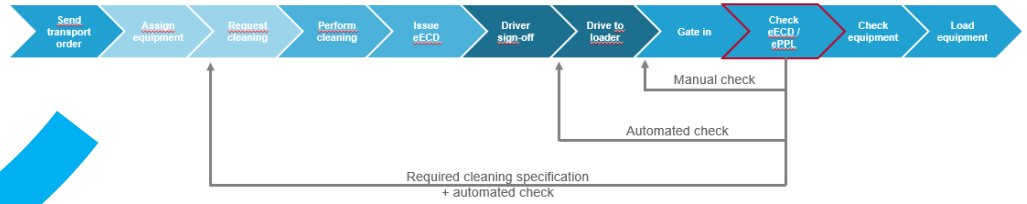
Effectiveness

Self Sustaining Process

- by digitalizing physical processes



- and move up/automate administrative tasks



BASF
We create chemistry

Benefits for Shipper and Customer

Faster and safe logistics execution

- **Quality:** no fraud, less safety risks and product contamination risk with electronic document
- **Speed in operations**: pro-active checks before arrival at the loading station, no equipment rejections, automation of check-in process
- **Speed in administration**: no paper at the loading station, electronic transmission of copy ECD to the customer
- **Increased transparency** : data availability and quality, in real-time from the source to enable more reliable and efficient processes

Secure data sharing at competitive cost

- **Appropriate level of Data Security**
  - Away from private IT platform initiatives that monetize our data
  - Clear business rules on data sharing
  - Develop common language at EU level to exchange information
- **Competitive costs and increased IT service delivery efficiencies**
  - Cloud platform for a broad community using state of the art IT technologies
  - Shared costs – not for profit
  - Plug and play

BASF
We create chemistry

BASF

We create chemistry