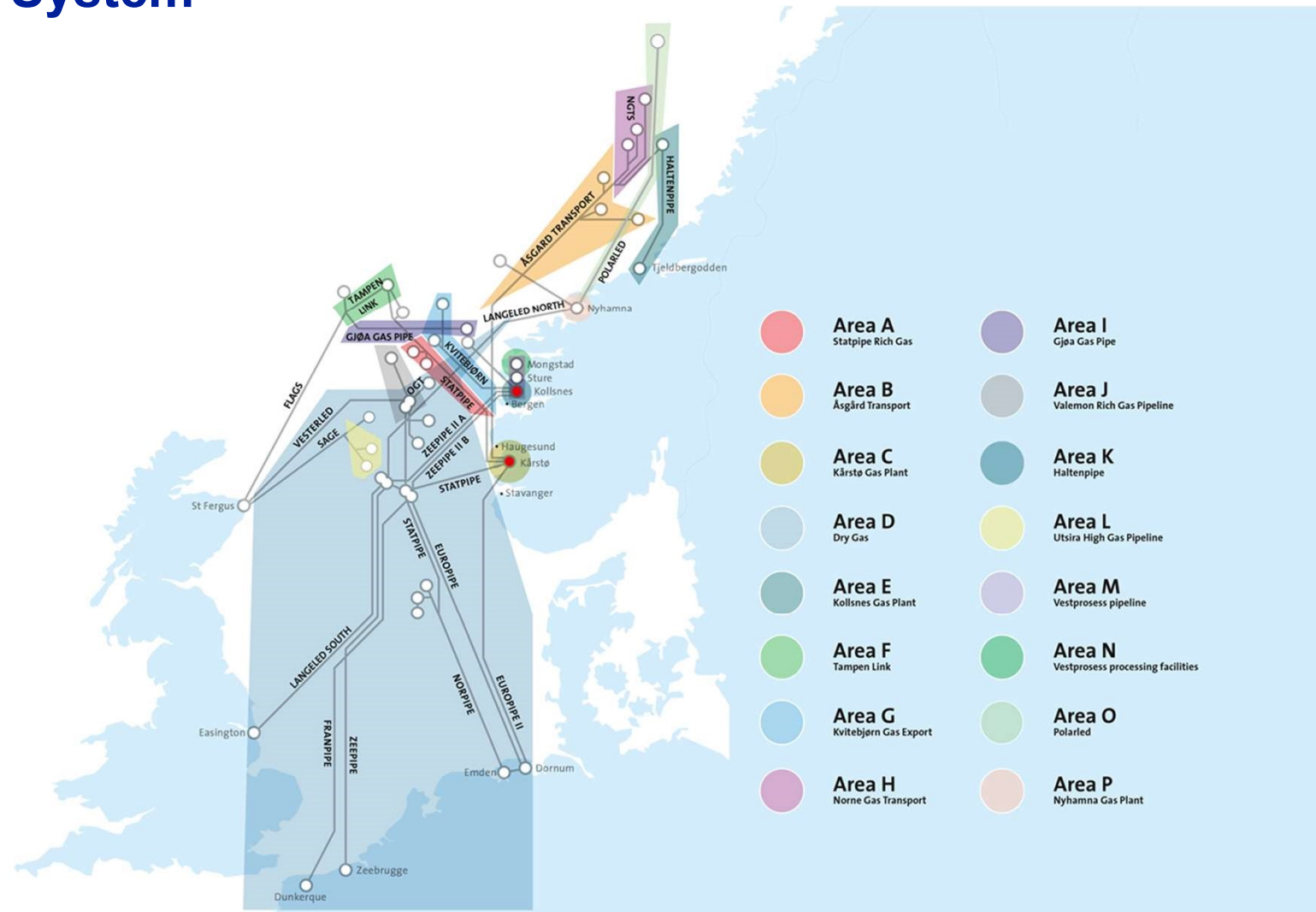


# Operational principles for Gassco operated systems – From field to exit point

Hydrocarbon Management Workshop 2021

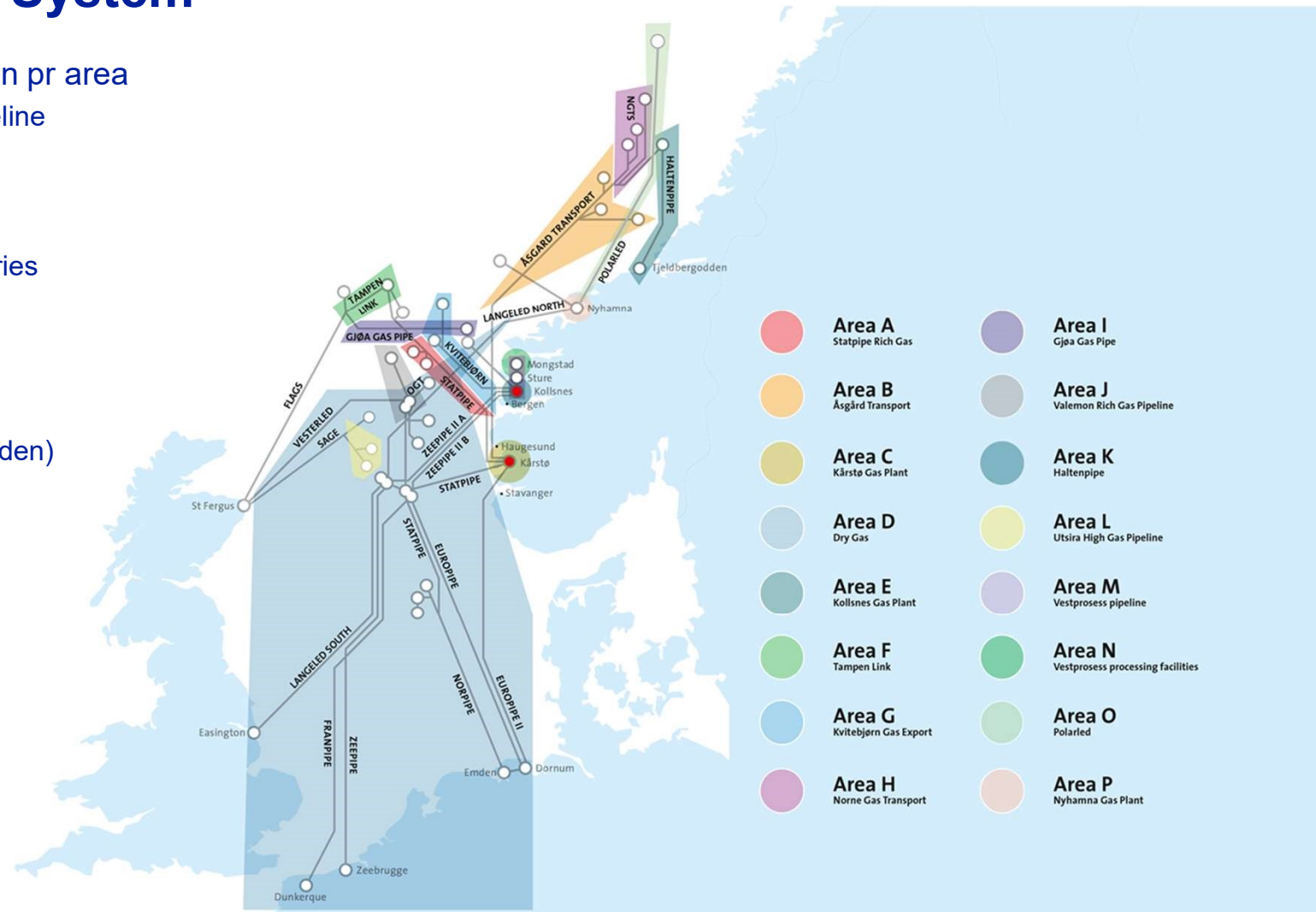
Nina Ljones, Head of capacity and Product Management

# Gassco Transport System



# Gassco Transport System

- Booking/dispatching/allocation pr area
  - In/out of areas, not per pipeline
- Processing plants:
  - Daily – estimation of deliveries
  - Monthly allocation
- Delivery points:
  - Attribution (UK/Tjeldbergodden)
  - Exit point imbalances



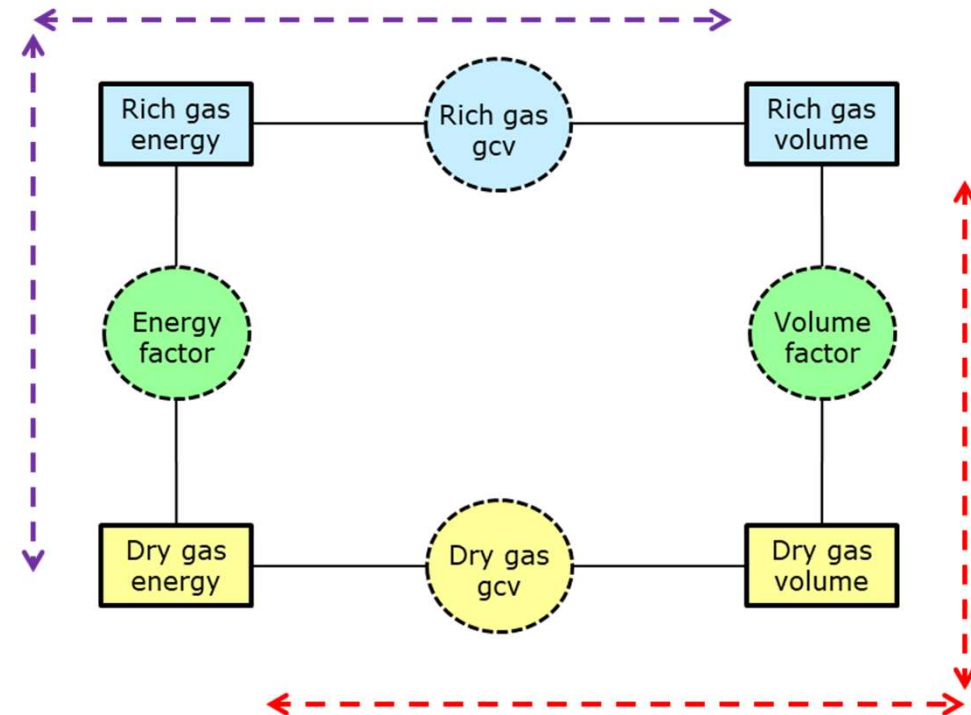
## Field overview





## Prognoses

- Weekly field availability sent to Gassco (rich gas volume)
- Factors (Gassco process)
  - Prognoses for field GCV
  - Prognoses for energy factor (processing plants)
  - Field share per shipper
- Availability sent to shippers
  - Dry gas energy pr shipper
  - Adjustments for field imbalances

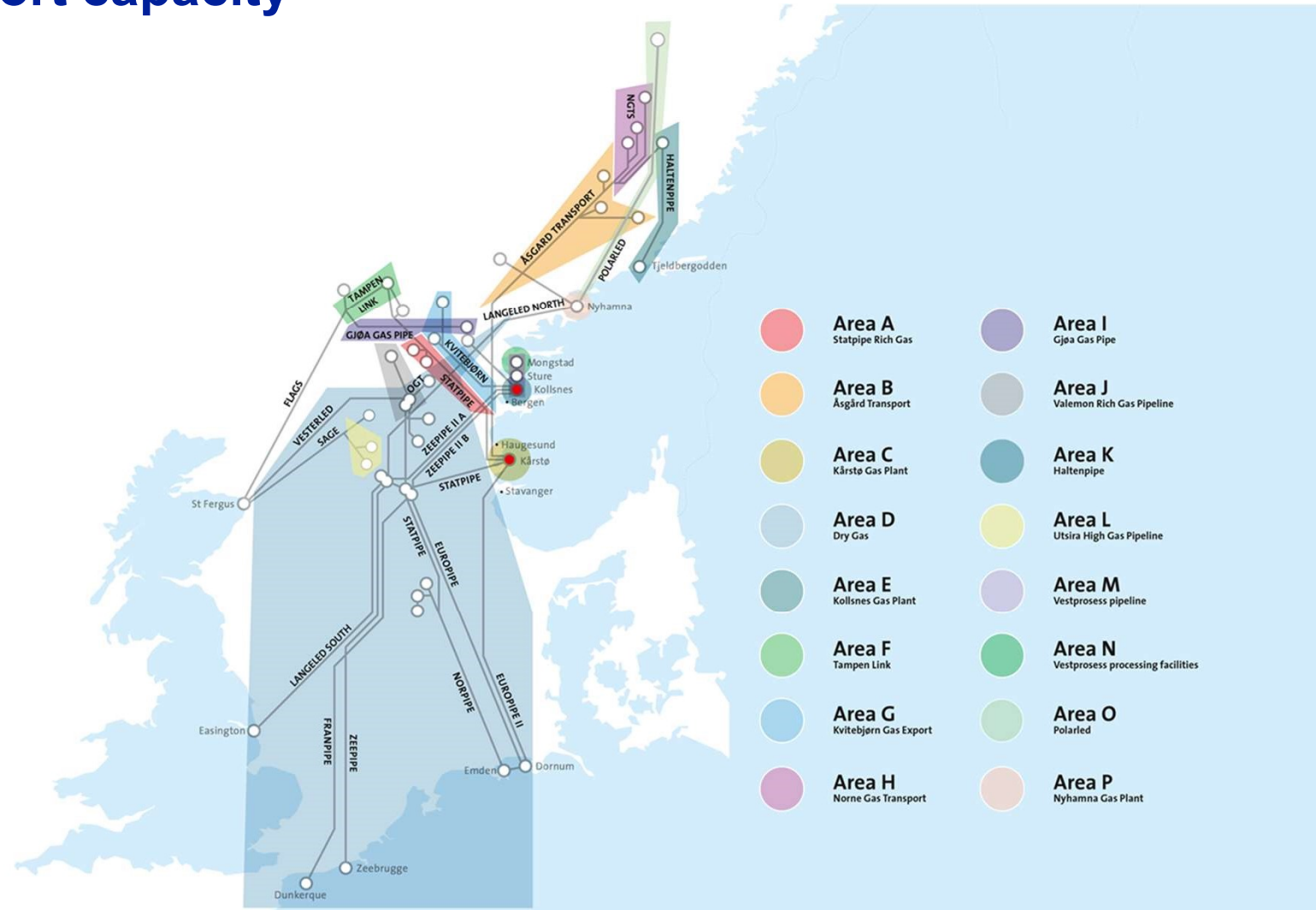






# Booking of transport capacity

- Booking per area





## Dispatching

- Based on availability, the shippers nominate dry gas
  - *Exception: gas to richgas exit points*
- Shipper must balance all nominations/transactions in Area D
- Gassco sends production instructions to all producing fields, processing plants and gas receiving terminals





# Production

- Gassco Transport Control Center (TCC) coordinates deliveries based on shippers nominations
- Nominated volume, quality, time and destination
- Metering and reporting of produced quantities
  - Online signals
  - Production reports sent to Gassco







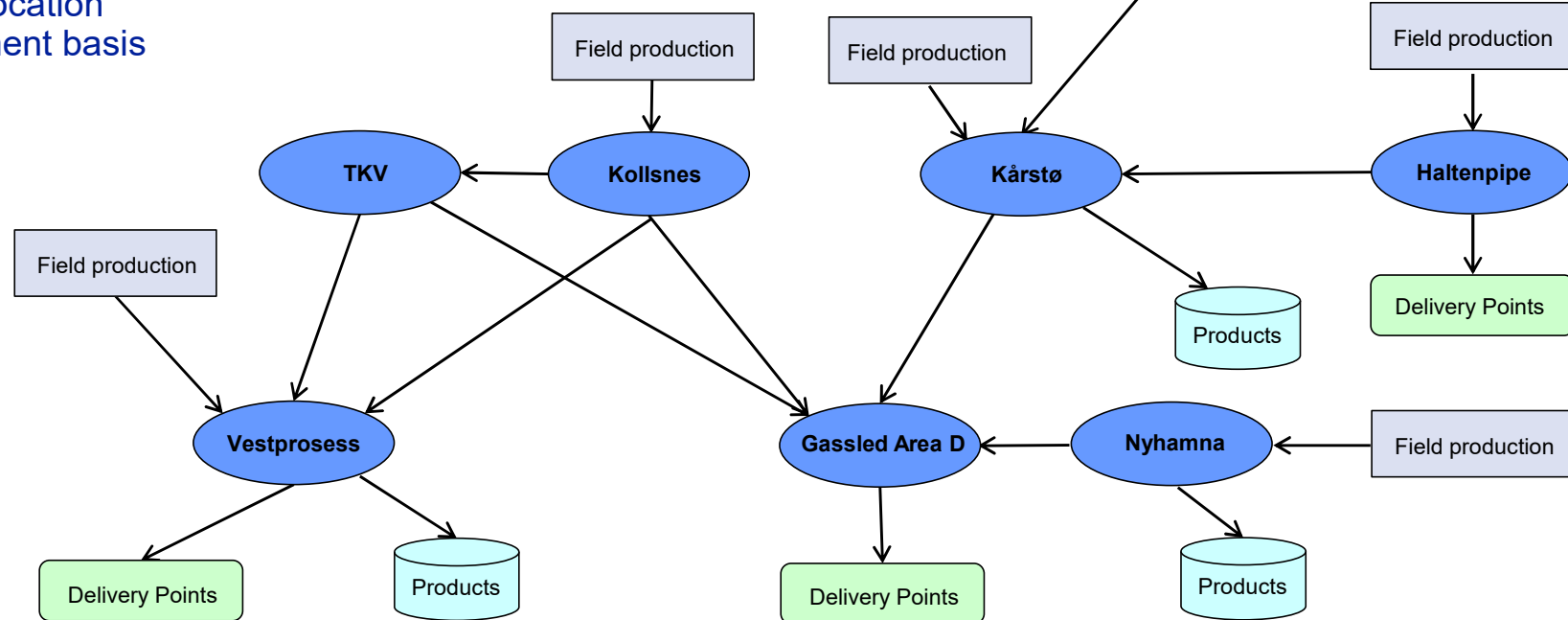
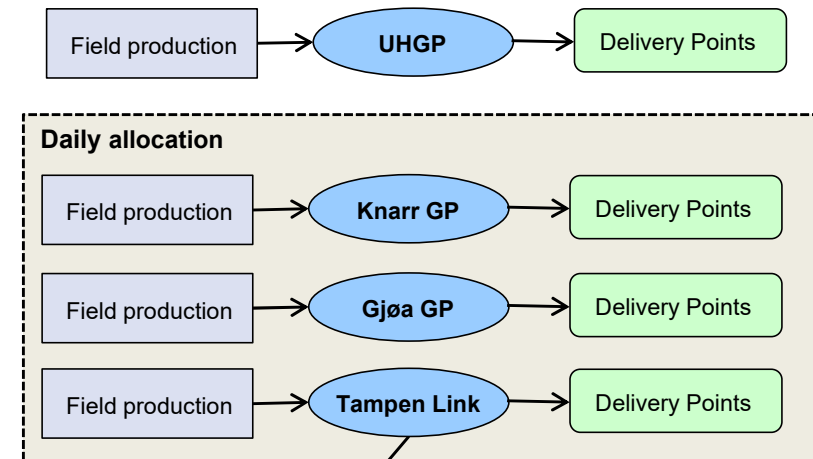
# Allocation

- Determine the fields and shippers' ownership of transported quantities
  - Dry gas
  - Products
  - Fuel & flare
- Field and shipper allocation on mass per component basis

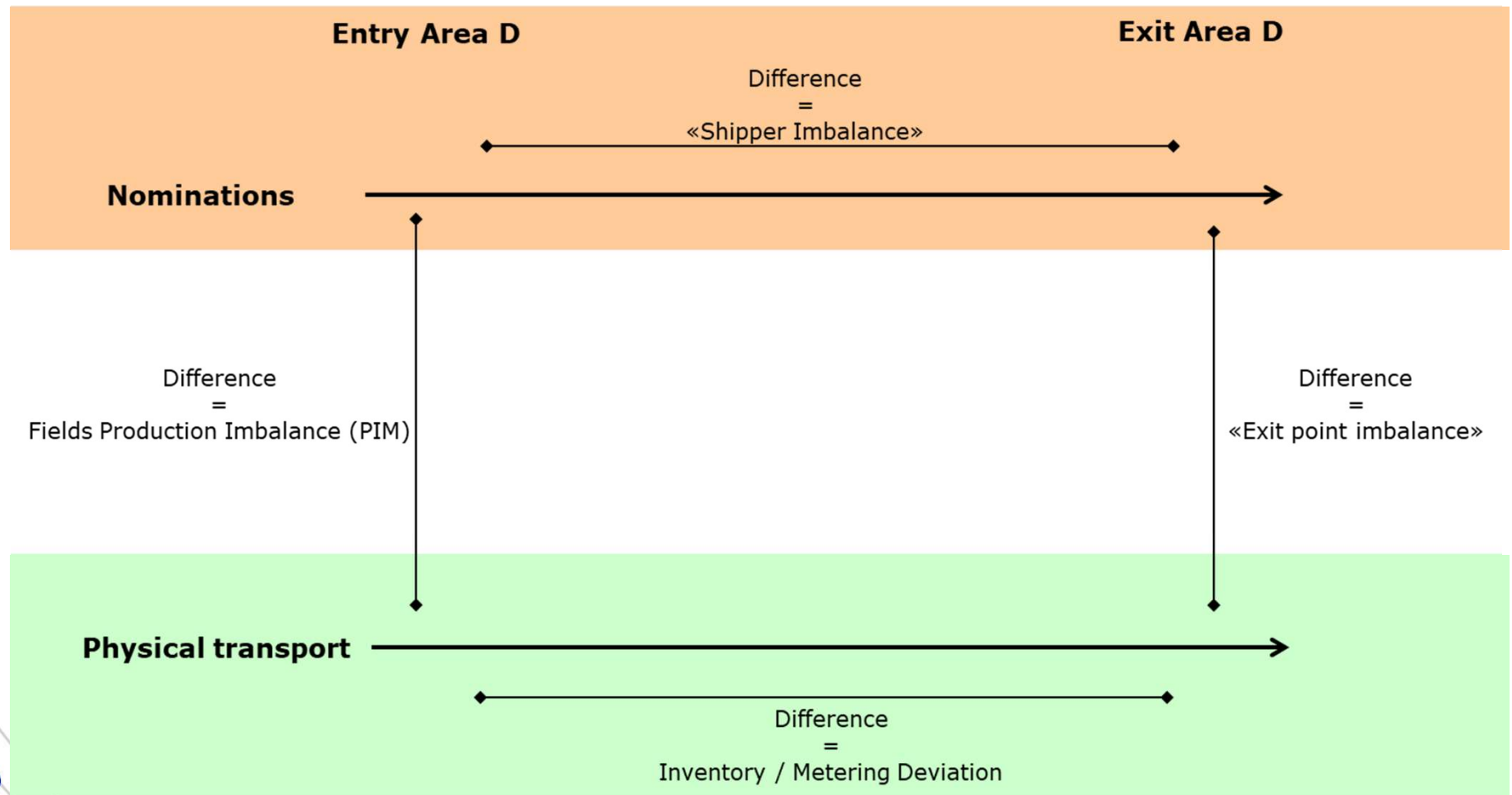


# Allocation

- Determine the fields and shippers' ownership of transported quantities
  - Dry gas
  - Products
  - Fuel & flare
- Field and shipper allocation on mass per component basis



## Dry gas (area D) balancing



**Thanks for your attention!**  
**Questions?**

