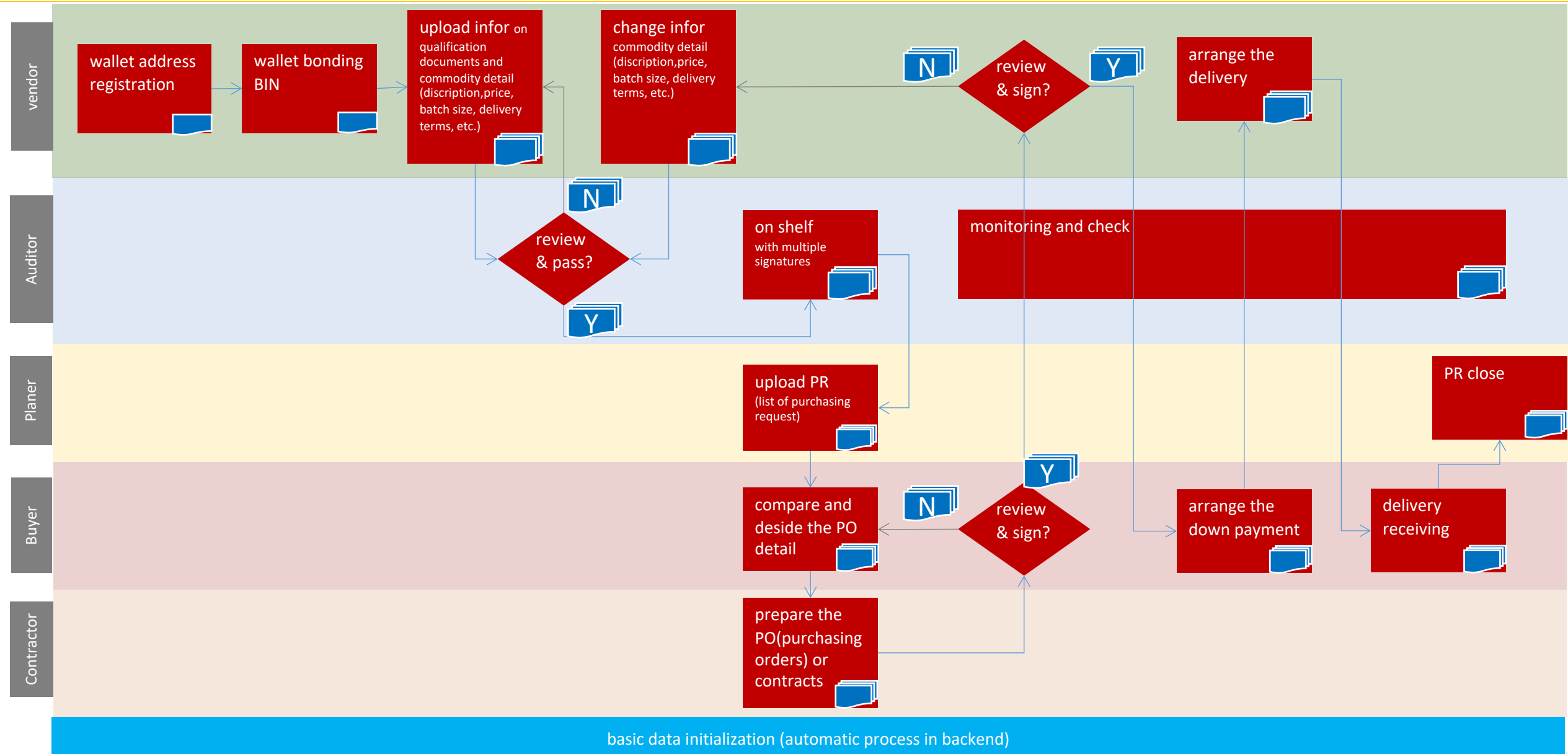


# Key Process in Demo



basic data initialization (automatic process in backend)

remark: TPC (tracable property certificate) = combination of all MPCs (Middleway property certificate) in whole case



### basic data initialization

- Vendor Catalog
- Items Catalog
- Quotation Catalog
- action documents

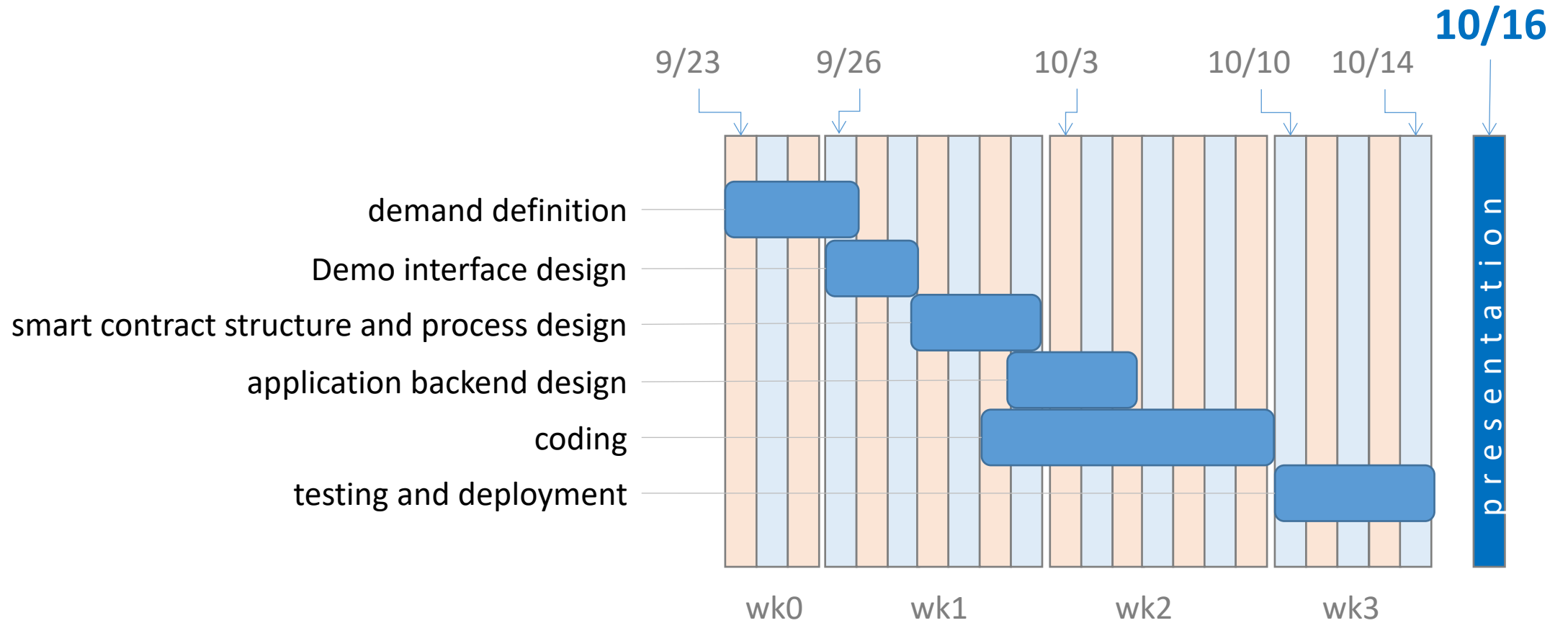
- ◀ an **automatic process** running in backend
- ◀ checking the **availability** of data input
- ◀ checking the **compliance** to the format/regulation/standard of data input
- ◀ **bridging** between the offchain database and onchain database
- ◀ **encrypt** the data according to PRC721 standard to upload to TDOS chain
- ◀ **assign logic chainlink position** of the data
- ◀ **output MPCs** for every decisional action during the whole case

## Key Process in Demo

No	Player	Process action	Multiple signature	MPC	TPC
1	Vendor	Wallet adress registration		✓	
2	Vendor	Wallet bonding BIN		✓	
3	Vendor	Upload information on qualification documents and commodity detail		✓	
4	Auditor	Audit and approve the on shelf	✓	✓	
5	Vendor	Change information (e.g. Price)		✓	
6	Auditor	Audit and approve the change of information on shelf	✓	✓	
7	Planner	Upload PR (list of Purchasing Request)		✓	
8	Buyer	Compare and decide the commodity for PO (Purchasing Order)		✓	
9	Contractor	Prepare the official PO (or contract)		✓	
10	Buyer/Vendor	Review and sign the PO/contract		✓	
11	Buyer	Arrange the down payment		✓	
12	Vendor	Arrange the delivery		✓	
13	Buyer	Receive the delivery		✓	
14	Planner	Close the PR	✓	✓	✓
15	Auditor	Monitoring and check the order/delivery process		✓	

remark: TPC (tracable property certificate) = comination of all MPCs (Middleway property certificate) in whole case

# Working Schedule for Demo



# Roadmap of LKPP on TDOS

