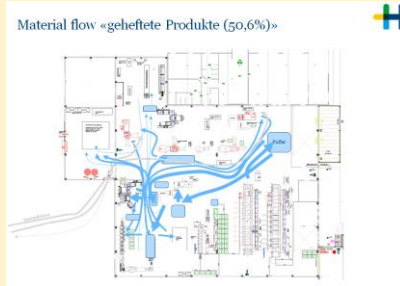




## Before (July 18)

### Area concept

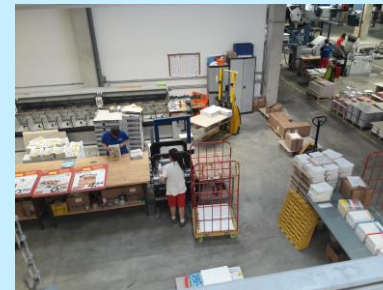
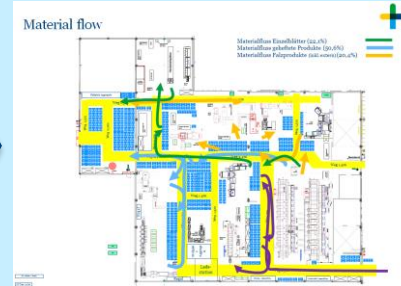
- Machine locations are not according to material flow
- Long distance to the next workplace
- The buffer locations were not close to the machine
- No paths and buffer were marked
- Missing area concept in the whole hall
- A lot of waste everywhere



## After (July 19)

### Area concept

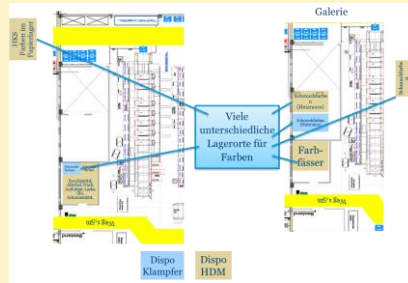
- The location of 80% of the machines has been changed
- Machines are oriented according to material flow
- Much shorter distance to the next workplace
- Paths are marked
- The buffer locations are close to the machine
- Processes are defined
- The hall is clean



## Before (July 18)

### No central stock of Consumable

- Many touch points
- High stock levels
- Very time consuming
- Insufficient availability of ink



Order: 3-6 touchpoints



## After (July 19)

### Vendor managed Inventory (VMI)

- One touch point
- Central stock
- Order by consumption
- Fast delivery time



Order: 1 touchpoint

