Which type of domain is the sensors group, in the same process area with TSN Domain 1?

- **option A**: a non-TSN domain, then we have it covered in the Use Cases document, half of Use Case 18, we would need to find a good priority regeneration concept to support the resource reservations in Industrial Bridge 1, over requests from Industrial Bridge 7, in this case, we do not need to support clock synchronization in the sensors and they will be non-TSN end stations.

- **option B**: a TSN domain, but then we need to have sensors which support clock synchronization; we may keep it separate to the TSN Domain 1, for the sake of ease of traffic configuration in Process Area; then the Industrial Bridge 7 must be able to at least forward the time from a grandmaster to the sensor slaves. Then one may need a CNC/IA-ME for this domain, which could potentially be placed in the Industrial Bridge 7. Here the sensors would be class B TSN conformant end stations. The Industrial Bridge 7 can be a class B or a class A TSN bridge.

- **option C**: Mix it inside the TSN Domain 1; possibly this may be requested by the way the geographical localisation of the devices is made in Process Area 1. Here there are some issues:
  --- either we need sensors which can support clock synchronization and can be at least TSN class B conformant end stations (or even class A, depending on the acceptable costs); same discussion applies for Industrial Bridge 7;
  --- either we need sensors which are non-TSN end stations, but then we need to accept their traffic will be best-effort.

I guess all these options are possible.