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| --- | --- | --- | --- | --- | --- |
| Participants | : | Henrique Scarmagnan, Hizmy Hassen | Released | : | 25-10-2022 |
| Not present | : |  |  |  |  |
| By | : | Patrick Goossens | Department | : |  |
| Copy to | : | Craig Brown, Jitendra Mahana, Nico Gevers, Shibu George, Umesh Kumar | |  |  |
| Next meeting | : | November 17th 2022 | | | |

*^^ WARNING: do NOT change information in header and grey area above! ^^ (you may however delete this line)*

Agenda:

- status of to-be process design.

- who is driving the design thinking ?

- quick review of the Chennai workshop output and what elements of this should be incorporated in phase 1 and how.

- who will develop the detail data flow based on the to-be design and thus who will finalise the target application architecture. When will this happen?

**Data flow**:

This is how the data flow will be from Global Lims (Contact software) and other key Information systems within Apollo:

Diagram

Description automatically generated

Main topics we discussed today and which need to be clarified before finalizing the Global Lims blueprint:

* Discuss the scope of Global Lims with regard to production testing (i.e. process control and quality control). Should all kind of testing be in scope or will we keep using separate systems for some of these production tests?  
  Which system we use for which tests should become one global best practice.
* Data flow / meta data:
  + BoM
  + Routing
  + Machine settings

Also discuss with Shibu, how this relates to his Closed Loop project.

* Costing
* Include outcome from R&D workshops

Data flows to be discussed are not limited to Global Lims but should also include the data required by: MES systems, SAP (for product costing and other transactions) and Scheduling.

The picture as drawn on the previous page should fit in this global model as well:

Diagram

Description automatically generated

Further to the data flows, we also need to agree the data standards and the META data library. This should be finalised also in November especially before Contact starts software configuration.

Meta data should be defined like:

* Product hierarchy
* Weights and Volumes
* Machines
* Plant location
* Costing
* Etc.

We also discussed the product verticals that will be implemented in Global Lims:

Calendar

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From this perspective we still need to agree on the Costing part. We would like to be able to do cost calculations from Contact system, for instance to calculate the costs to incorporate new material into a tyre. Or to calculate what the cost would be for a newly to develop tyre. But we do not want to duplicate data on costs that are already in SAP.

We will make an appointment with Umesh to find out.

**Workshops in Chennai and Enschede on data requirements by R&D**:

Recently there has been a workshop in Chennai to define the data needs by R&D.

There will be the same kind of workshop in Enschede as well.   
The output from these two meetings we have to incorporate in the blueprint.

To get the input for the final blueprint document we have scheduled some meetings with the recipients of this minute of meeting.

**28th October** – Meeting with Umesh, Henrique and Patrick to discuss how to handle the Costs related topic

**11th November** – 2, one hour sessions with all of you to discuss data flow, meta data and testing needs in the plants

**From 14th – 16th**, Henrique and Patrick will derive the final Blueprint document

**17th November** – present the Blueprint to Hizmy for signoff