EVM
Today & Tomorrow

I. Bejar Alonso

What EVM really means?

Earned Value Management

I weight the work, and I measure it with objective parameters

In that way I can see if I have spent more resources than I expected and if I have done it in due time

EVM project, finished the 28th?

A lot of people thought that the 28th March the EVM project reached the end …

… in reality the 28th March was just the starting point …

EVM, a long way?

… we have just introduced the initial data … and our colleagues of AS have created a tool to follow it.

Everybody working for LHC will have to learn how to drive this new car and use it to arrive faster to our objective…

The LHC infrastructure built on time and on budget

EVM what is missing?

Like for a car …

You will need to learn

- The car mechanics
- The traffic rules

EVM mechanics?

- EVM basic concepts
- EVM tool
- How to consult the data
- How to report on the initial data

EVM traffic rules?

Which rules there are to:

- **modify, create or delete work units, resources or deliverables**
- **propagate the information on changes**
- **…**

EVM how to learn more …

Training is going to be organized:

- **at division level**
  - **Two sessions scheduled during the month of April (9th and 24th)**
- **at CERN level**
  - **One information session is scheduled for the 11th**

Who will use EVM?

- Everybody responsible for a part of the LHC project
- EVM should be used by the Project engineers as a tool to track the advancement of their projects
- EVM should be used by the management to assure the completeness of the work their groups are responsible for

EVM advantages?

The more evident ones…

- **Transparency**
- **Common language**
- **Common scale to weight advancement and expenses**

EVM, what is expected from ST?

With the help of the tool, to optimise our follow up of the project an assure that is finished on time and on budget

…and of course following the specifications ….

EVM, what is expected from AC?

That uses the information provided by all the groups to check the completeness and the coherence of the project

EVM, what is expected from EST-IC?

That uses the information provided by all the groups to check the completeness and the coherence of the schedule and that with the groups optimise the work organization

EVM, what is expected from AS?

That continues improving the tool so that becomes a real management tool for all the engineers working for the LHC

Conclusions I

- EVM is a tool not and objective
- EVM should help every engineer to control better the advancement of the work and the deviations on the cost
- EVM should be a tool used by the management and the coordination groups to take decisions to stir the project

Conclusions II

…but this will be possible only if we maintain the system alive and this is only possible updating the system with the fresh information coming from the work field

…so let's do it

… and let's finish the LHC