



# **EVM**

# **Today & Tomorrow**

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**What EVM really means?**

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**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 28<sup>th</sup>?**

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**A lot of people thought that the 28<sup>th</sup>  
March the EVM project reached  
the end ...**

**... in reality the 28<sup>th</sup> March was just  
the starting point ...**

## **EVM, a long way?**

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**... 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?**

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**Like for a car ...**

**You will need to learn**

- The car mechanics**
- The traffic rules**

## **EVM mechanics?**

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

## **EVM traffic rules?**

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**Which rules there are to:**

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

## **EVM how to learn more ...**

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**Training is going to be organized:**

➤ **at division level**

- **Two sessions scheduled during the month of April (9<sup>th</sup> and 24<sup>th</sup>)**

➤ **at CERN level**

- **One information session is scheduled for the 11<sup>th</sup>**



## Who will use EVM?

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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?**

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**The more evident ones...**

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

## EVM, what is expected from ST?

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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?**

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**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?**

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**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?**

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

## Conclusions I

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- **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

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**...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**