



Cabibbolab



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Università di Pisa & INFN Pisa

5th SuperB Collaboration Meeting
Pisa September 21, 2012

CABIBBOLAB is there

A lot of energy was initially spent essentially by Roberto Petronzio for setting up all the legal frameworks for the activity of the CABIBBOLAB. Now the lab has the structure for legally hire people, for issueing orders, for spending money for covering travel expenses etc...

Then now the real stuff!

ABOUT THE MOU's

Mou's

★ The First MOU

ISTITUTO NAZIONALE DI FISICA NUCLEARE

CONSIGLIO DIRETTIVO

DELIBERAZIONE N. 12479

Il Consiglio Direttivo dell'Istituto Nazionale di Fisica Nucleare, riunito in Roma in data 26 luglio 2012 alla presenza di n. 33 dei suoi componenti su un totale di n. 34;

.....omissis.....

- con n. 33 voti favorevoli;

DELIBERA

- 1) Di approvare lo schema di "CONVENZIONE TRA L'ISTITUTO NAZIONALE DI FISICA NUCLEARE E IL CONSORZIO LABORATORIO NICOLA CABIBBO", allegato e che fa parte integrante della presente deliberazione. Il Presidente, o persona da lui delegata, è autorizzato a negoziarlo e firmarlo.
- 2) Di delegare la Giunta Esecutiva, sentiti i Direttori delle Strutture interessate, ad approvare gli Accordi Attuativi previsti dall'articolo 3.6 dello schema di Convenzione di cui al precedente numero 1).

It allows the use of INFN infrastructures and the work of INFN personnel inserted inside the structure of CABIBBOLAB for the SuperB project.

A joint committee for the application of the agreement set up.

For Cabibbolab Mauro Morandin and Alessandro Variola.

For INFN Pasquale Lubrano and Antonio Zoccoli (INFN Vice President)

Mou with BINP Novosibirsk

The screenshot shows the INFN website with the following elements:

- Browser:** Internet Explorer, address bar shows <http://www.infn.it/>.
- Navigation:** Menu items include HOME | THE INSTITUTE | STRUCTURE | EXPERIMENTS | PROJECTS.
- Header:** INFN logo and text "Istituto Nazionale di Fisica Nucleare".
- Main Content:**
 - Accordo Italia-Russia per la realizzazione di SuperB**
 - Text: "Un importante accordo di collaborazione è stato siglato tra il Consorzio Laboratorio Nicola Cabibbo (CLC) e il Budker Institute for Nuclear Physics di Novosibirsk (BINP), in..."
- Right Sidebar:**
 - Section: "LINES OF RESEARCH"
 - Item 1: "1 PARTICLE physics" with a particle detector icon.
 - Item 2: "2 ASTROPARTICLE physics" with a particle detector icon.

Russian accelerator people can substantially contribute to SuperB construction.

Mou;s with SLAC

At the beginning of summer 2012 after many exchange of documents and the visit of D.MacFarlane at the Elba meeting, a draft of the MOU about transfer of PEP-II components was almost in the final shape, we were considering the possibility of early conclusion of the process with the signature of the final document.

At end of July we knew that DOE had changed the rules for Mou's.

Now we know that a draft will be hopefully ready by the end of October 2012. A trip to SLAC by that time is planned if the document will be in a good shape.

This MOU is between SLAC and CABIBBOLAB.

A second MOU concerning the BABAR Detector components will follow it would be between SLAC and INFN.

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Mou with France

The process about MOU for LAL Orsay to contribute to the accelerator construction is going on without obstacles and it is now almost concluded.

Very fruitful discussions were started several months ago with the JAI-Oxford Director Andrei Seryi about the participation of JAI personnel to the SuperB construction. MOU drafts were exchanged. Now the process is in hold due to some obstacles. We hope however in a positive conclusion.

Mou with CERN



The Agreement with Cern is in preparation. There was a joint meeting with Cern management last Tuesday. Just to start, the contribution of the Cern people expert in project management experts will be make official. Unofficially there was already a valuable contribution to the preparation of documents for the Fioni Review committee.

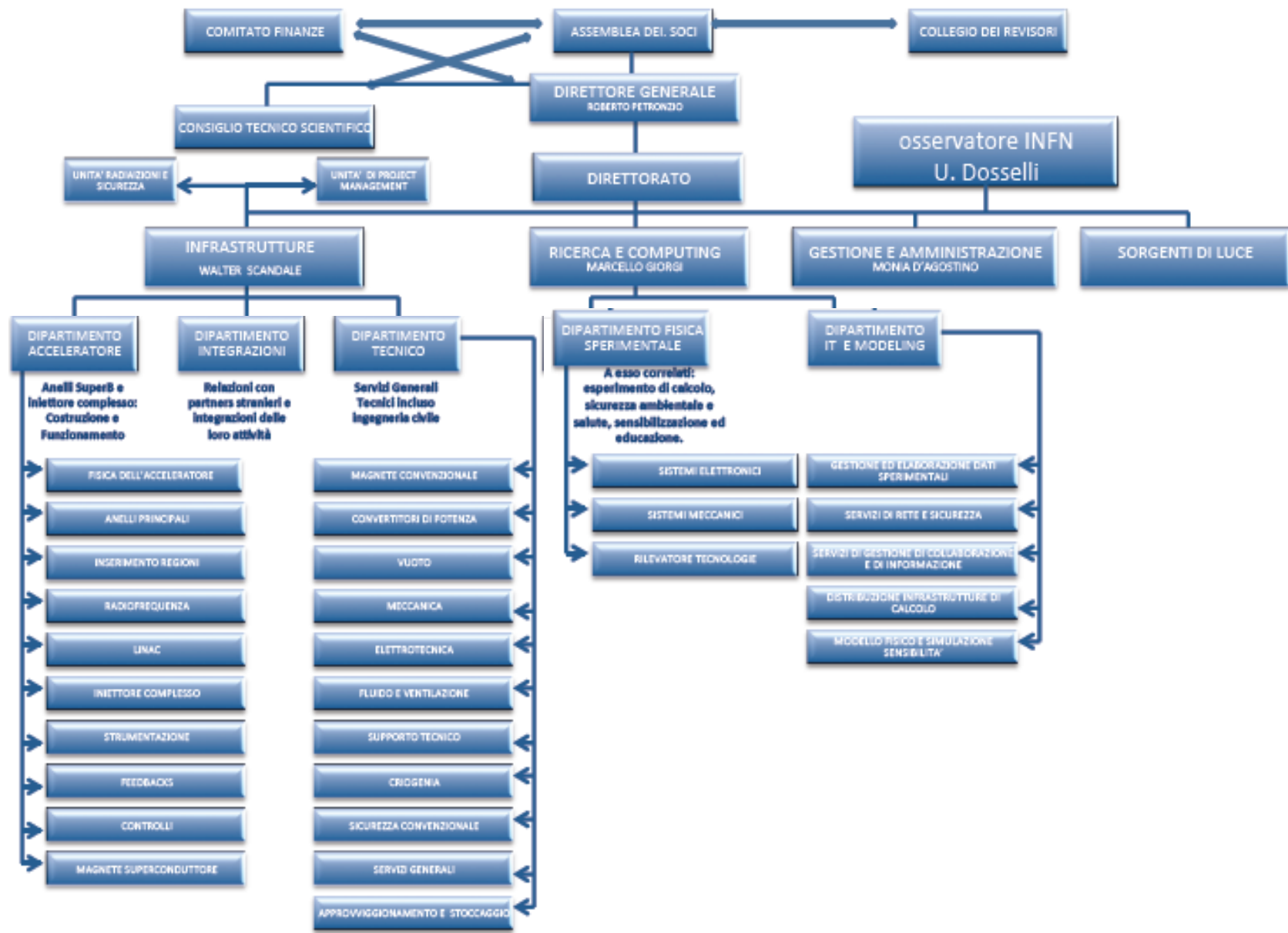
Mou with University of Tor Vergata

The Agreement with the University of Tor Vergata is in the approval phase and expected in one month.

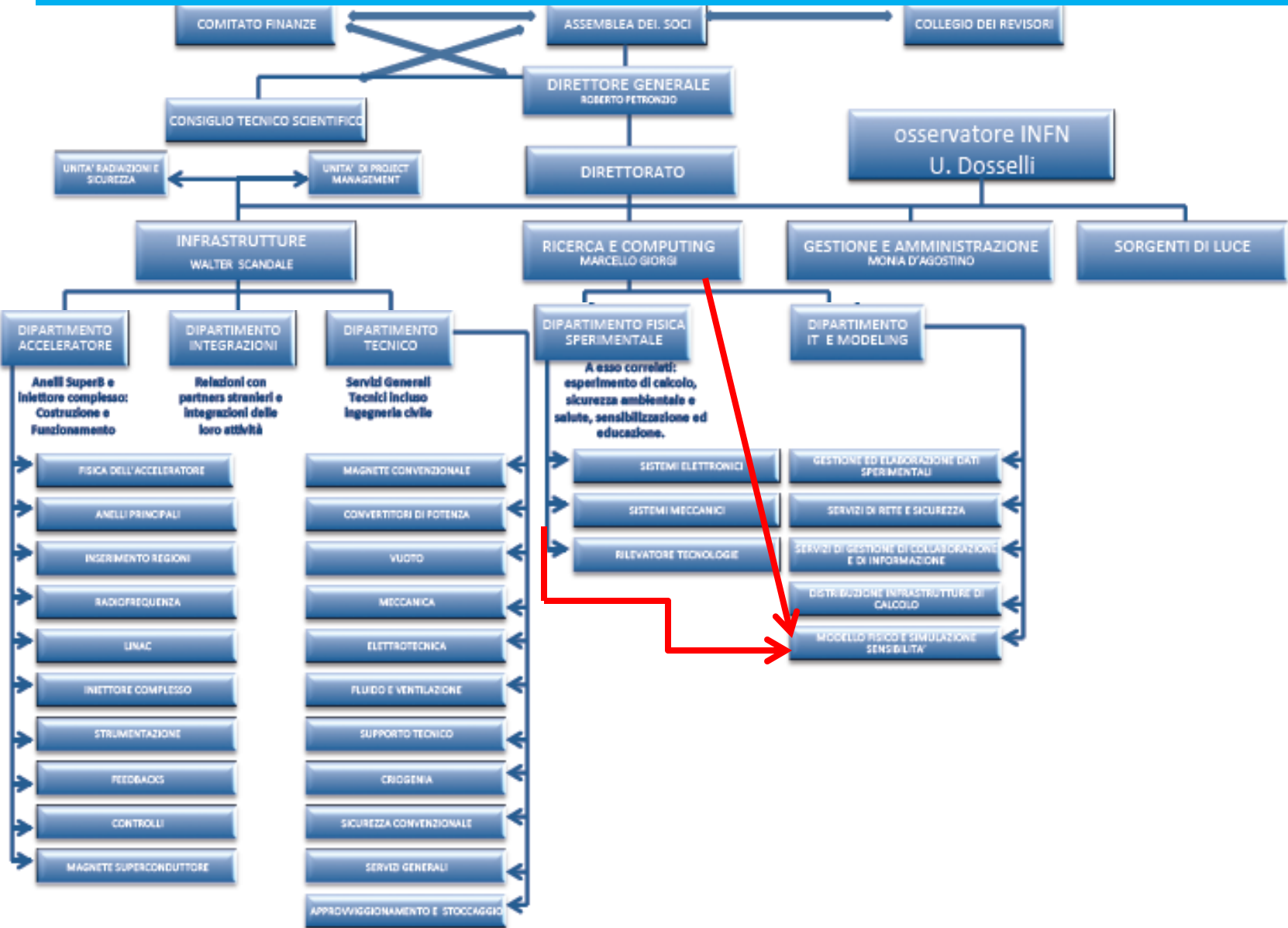
The transfer of the area for the construction of SuperB to the CABIBBOLAB is part of it.

ABOUT THE CABIBBOLAB ORGANIZATION

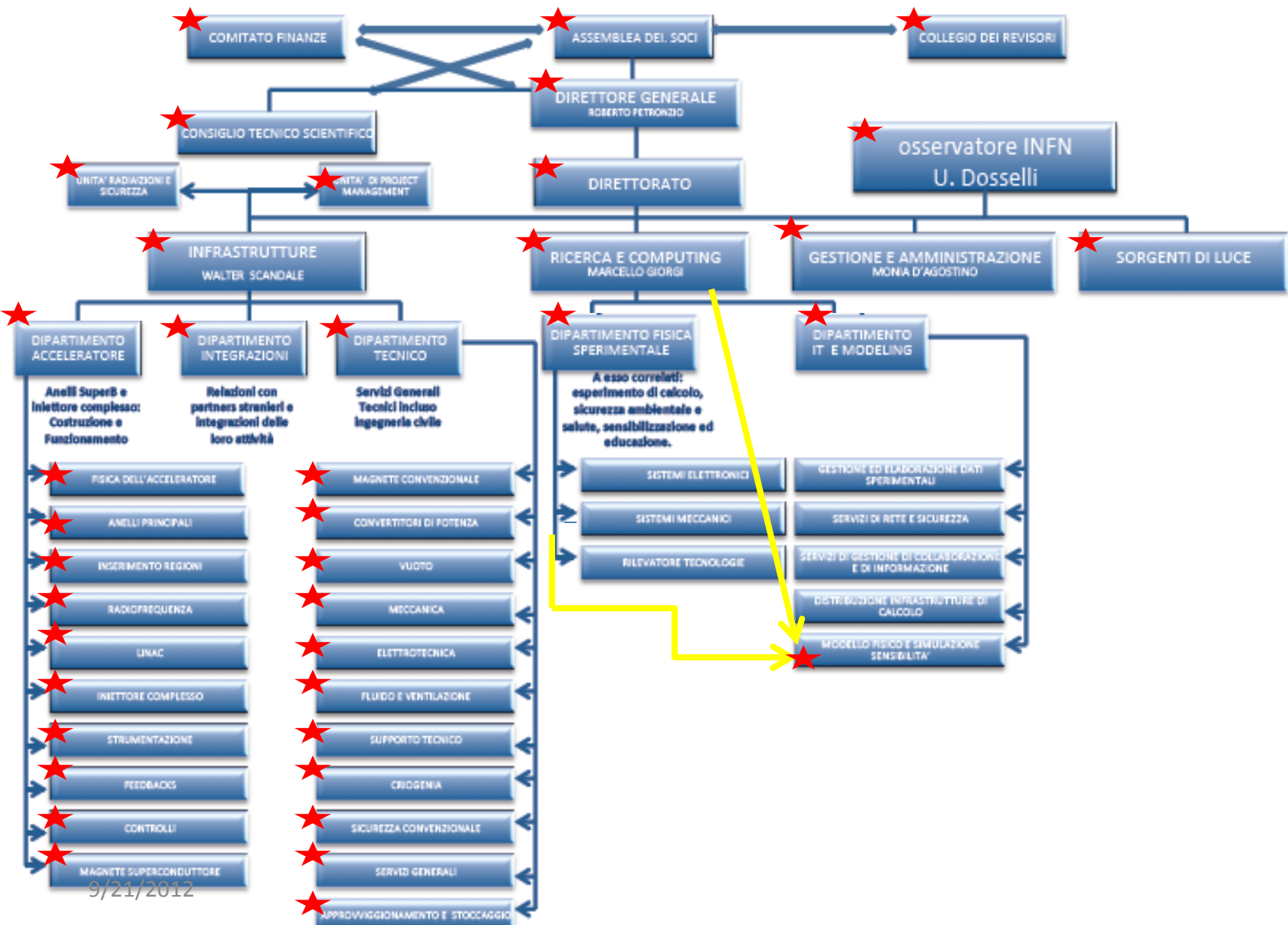
CABIBBOLAB Governance



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Recruiting

The recruiting process was started after ELBA

By the end of July the first batch of 18 people have been selected and now the recruiting of people needed for the accelerator is continuously going on and it is in the hands of the Accelerator Director.

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REVIEW

Review Committee

The International Review committee was set up by the Italian Ministry of Science (MIUR) for looking to the Cost and Schedule of the SuperB project.

G.Fioni (France) –Chair

R.Brinkman (Germany)

B.Dormy (France)

E.Iacopini (Italy)

J.Womersly (UK)

The Fioni Committee is the Finance Committee of CABIBBOLAB.

Review Committee

The first document sent to the Committee at the end of July 2012 as agreed.

Middle of July the costing document will be sent to the finance Committee, the “ Fioni Committee”

Report expected by end of November with an intermediate iteration

Document Structure

- 1) Introduction to the project and physics case.
- 2) Organisation and financing
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- 3) Site and INFN accelerators science overview
 -
- 4) Costing and spending profile
 - 4.1) Costing Methodology
 - 4.2) System and project total cost .
 - 4.3) Risk analysis
 - 4.4) Linac and damping ring key in -hand offer
 - 4.5) Costing conclusions
- 5) General conclusions

COST

The money, assuming that the PEP-II components will be available, needed for the completion of the SuperB project is M€ 500.

INFN asked M€ 500 to the Italian Government and M€ 250 were assigned.

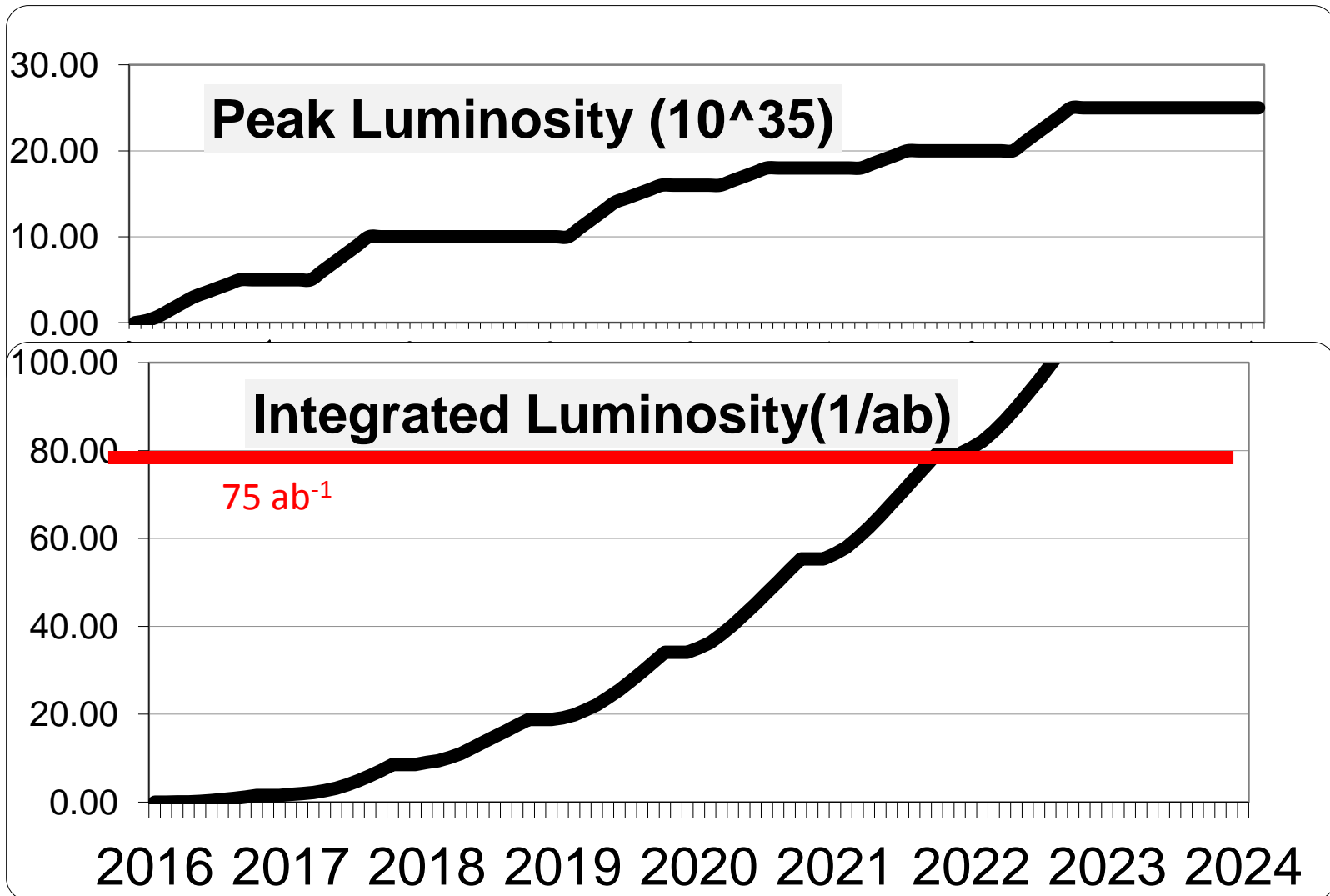
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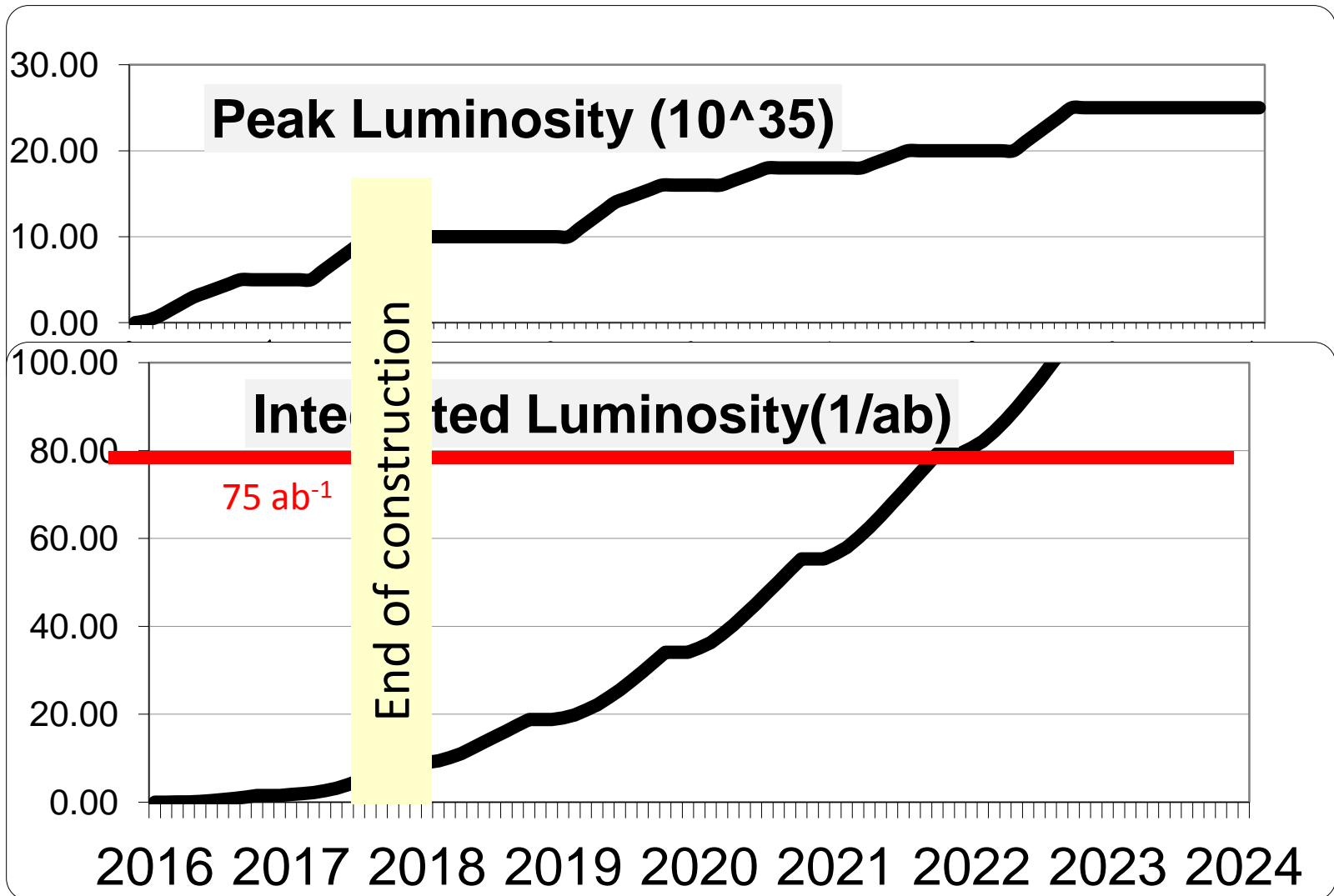
At the end of July 2012 the Costing document was sent to the Fioni Committee.

Now project schedule with its breakdown is in the final stage (corrections and amendments to breakdown without any substantial change in the final Completion dates)

A recent but obsolete slide of the SuperB Luminosity model



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The Report Is expected by the end of November.

An iteration with audit is expected in mid or the end of October.

Money

M€ 40 are now in the Competence Budget (what can be committed) of CABIBBOLAB.

Money has been already spent in the initial recruitment.

Apart from the recruitment through direct agreement with labs another bunch of 20 positions will be open soon and the selection will follow the same fast track as the previous .

Everything is ready to issue orders for the initial activity on site as fencing, utilities for the infrastructure construction (water, electricity, roads). This money can be committed immediately after the signature of the MOU with Tor Vergata.