

# Update on HEP SSC

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Jamie Shiers

Grid Support Group

IT Department, CERN

# Reminder: HEP SSC wiki

- <https://twiki.cern.ch/twiki/bin/view/LCG/HEPSSCPreparationWiki>
- From this page you can find pointers to the Indico category, the mailing list and all documents and presentations
  - Most simply “uploaded” – check comments!

# SSCs: A Brief History

- EGI\_DS “[Blueprint](#)” document describes potential role of “Specialised Support Centres”
- (Somewhat) within the context of EGEE NA4, several preparation meetings have been held
- Most recently: May in Athens, Paris in July
  - See [Indico](#) for agendas and presentations
- In June there was an [Information Day](#) in Brussels which clarified the specific areas targetted by this call – as well as possible funds
- More information on “HEP SSC” was given to recent [OB meeting](#)

# What? Where?

- 1.2.1.1 “EGI” - including “generic” services & operation required by WLCG!
  - e.g. GGUS, etc – “the [usual list](#)”
- 1.2.1.2 **Services** for large existing multi-national communities
- The funding for 1.2.1.1 + 1.2.1.2 = EUR25M; a joint proposal is expected
  - **Some people say / think that there is EUR5M for 1.2.1.2 (AFAIK not written down anywhere) and that the EUR5M should be shared with at least 1 other (than WLCG) large community**
- 1.2.3 “Virtual Research Communities” = EUR23M
  - Currently 2-3 “SSC” proposals foreseen (ideally(?) 1)
  - P2: combining Astronomy & Astrophysics, Earth Science, and Fusion;
  - P1: combining the training, dissemination, business outreach;
  - **P0: combining the other scientific SSCs (high-energy physics, life science, computational chemistry & material science, grid observatory, and complex systems).**
  - **Our stated plan for the “HEP SSC” is for a EUR10M project over 3 years, 50% of funding coming from EU (dependant on details such as exact scope, partners etc.)**
- Also other possible areas of funding, e.g.
  - **1.2.1.3 m/w (separate (important) topic, not this talk);**
  - Others: probably too much fragmentation: focus on the above 2 (3) areas
- **Obviously, what we target in the sum of all 3 areas should be consistent and meet our global needs**

# Required Input

- 1.2.1.2: Services that we should target
- 1.2.3: goals and workplan of a “HEP SSC”
  - Clear that this is “more than LHC”, “more than HEP” – exact scope still to be defined (but quickly!)
- Proposed timeline: first draft prior to “meeting” during next week’s MB slot
- **Need input from LHC experiments before end July when call opens! [ also for Transition document! ]**
  - Plus others, but this is the WLCG MB ☺
- **Concentrated proposal writing 2<sup>nd</sup> half August**
- **Reviews & revisions in September**

# Proposal Writing

1. Technical input by end-July 2009 (earlier for Transition document – next slide)
2. Details of call: templates etc available end-July
3. Draft proposals as per recommendations given in Brussels & FP7 training course early August
4. Drafts available for technical comment by August 7 (???)
5. Technical reviews during last 2 weeks of August (assumes we will need to provide consistent & coordinated input to 3 proposals: 1.2.1.1/2, 1.2.1.3, 1.2.3)
6. Several rounds of review by experts first 2 weeks of September
7. “Public” presentation during EGEE’09 (sessions planned)
8. October & up to November 24 as buffer (but we will be very busy then...)
9. November 24: deadline (submit early, submit often...)

- **Into this schedule we must also fit:**

- **1-2 meetings with EU commission (in Brussels?)**
- **Several SSC & other preparation meetings (wider context...)**
- **Vacations (needed...)**
- **“SEPT’09” or whatever...**
- **LHC restart preparations**

# EGI\_DS Transition Document - Status

- Application & Community Support chapter: current draft is 0.7
- Plan is to incorporate comments / corrections from yesterday's meetings, plus further input from Application Communities, (well) before end July
  - Versions 0.8, 0.9(?)
- A further revision – 1.0 – will be made early September for consistency with draft “EGI” proposals
- **Specific changes include:**
  - **Manpower required; size of community affected; specific call areas targeted (e.g. 1.2.1.2, 1.2.3)**
  - **Input on Services from large communities, in particular WLCG, plus others**
  - **“SSC” input from HEP (other than WLCG) and other communities**
- **Timescale for writing proposals very tight!**
  - **N.B. not cut&paste from a document with a different purpose**
- Target last two weeks of August for intensive writing of (1.2.1.1), 1.2.1.2, 1.2.3 (sub)proposals
- September will be used for multiple reviews prior to public presentation during EGEE'09
  - Two 2 hour sessions for “HEP SSC”: more than HEP, more than an SSC...
- For WLCG, September may well include a “STEP'09” rerun followed / overlapping with preparations for LHC restart and data taking
- Imperative we respect this timescale (and not overcommit to too many things...)



# “HEP” SSC – Progress?



- We should use “progress” since the last (EGI SSC) meeting to estimate possible progress until the next...
- Whilst I believe that – technically – there should be no problem to write a good technical proposal and extensively review it we must clearly ring-fence some (considerable) effort for this!
- And... we still do not have full agreement on the scope, partners, call areas etc.
- And... we must factor in summer and other activities





# Conclusions (HEP presentation in Paris)

- “Bottom up” approach re-agreed
- FP7 information day has helped to clarify how much funding might be available and for which specific purposes
- Timetable tight – but clear
- Intent is to discuss our plan & interpretation directly with EU late August / early September

# EGEE'09 Sessions

- Tuesday 22:
  - WLCG operations: (14:30—16:30) and (17:00—19:00)
- Wednesday 23:
  - Monitoring (Julia's session): (11:00—13:00)
  - HEP SSC: (14:30—16:30) and (17:00—19:00)
- Thursday 24:
  - Users on the Grid (Massimo's session): (11:00—13:00)
- Friday 25:
  - “EGI SSC” session (Cal): 08:30—13:00
- Suggest a small F2F both Thursday **and** Friday pm

# Summary

- Within the context of “HEP SSC” meeting, common understanding and agreement reached
- We should not compromise our goals: continue with stated bottom-up approach
- Time is short for input: but we’re not starting from scratch
- Focussed period of proposal writing and review

➤ **This is too important to miss!**