Organisation of HEP Applications within NA4

F Harris   (Oxford/CERN)

Talk overview

- Proposed HEP working group (and the extended steering committee)

- The 'deliverables' and getting them done

- The ARDA project

- Future HEP organisation (meetings etc.)

Proposed NA4 HEP working group

- F Harris   Coordinator
- M Lamanna   ARDA project leader (ex officio)
- experiment contacts (ATLAS,ALICE,CMS,LHCb + D0) + others?
- The formal partners as per the contract
  - CERN
    - 8 people (they are in ARDA and NA4 HEP)   coordinated by ML(FH)
  - Russian institutes
    - HEP manager - Elena Tickhonenko
    - + (G.Shavratova (ALICE), A.Minaenko (Atlas), O.Kodolova(CMS) , I.Korolko(LHCb).
  - Republic of Korea
    - CKSC(consortium of 3 universities led by Sejong) in ALICE and Bio
    - Contact Do-Won Kim
  - + CESNET(Prague) (help desk for HEP and other applications)
    - Contact J.Chudoba
- Informal members (no contractual obligation)
  - Reps of other grid projects supporting HEP applications (e.g. GridPP..)
- Comment
  - This is ~ 20 people – attendance at meetings would be as function of agendas which will focus on current issues
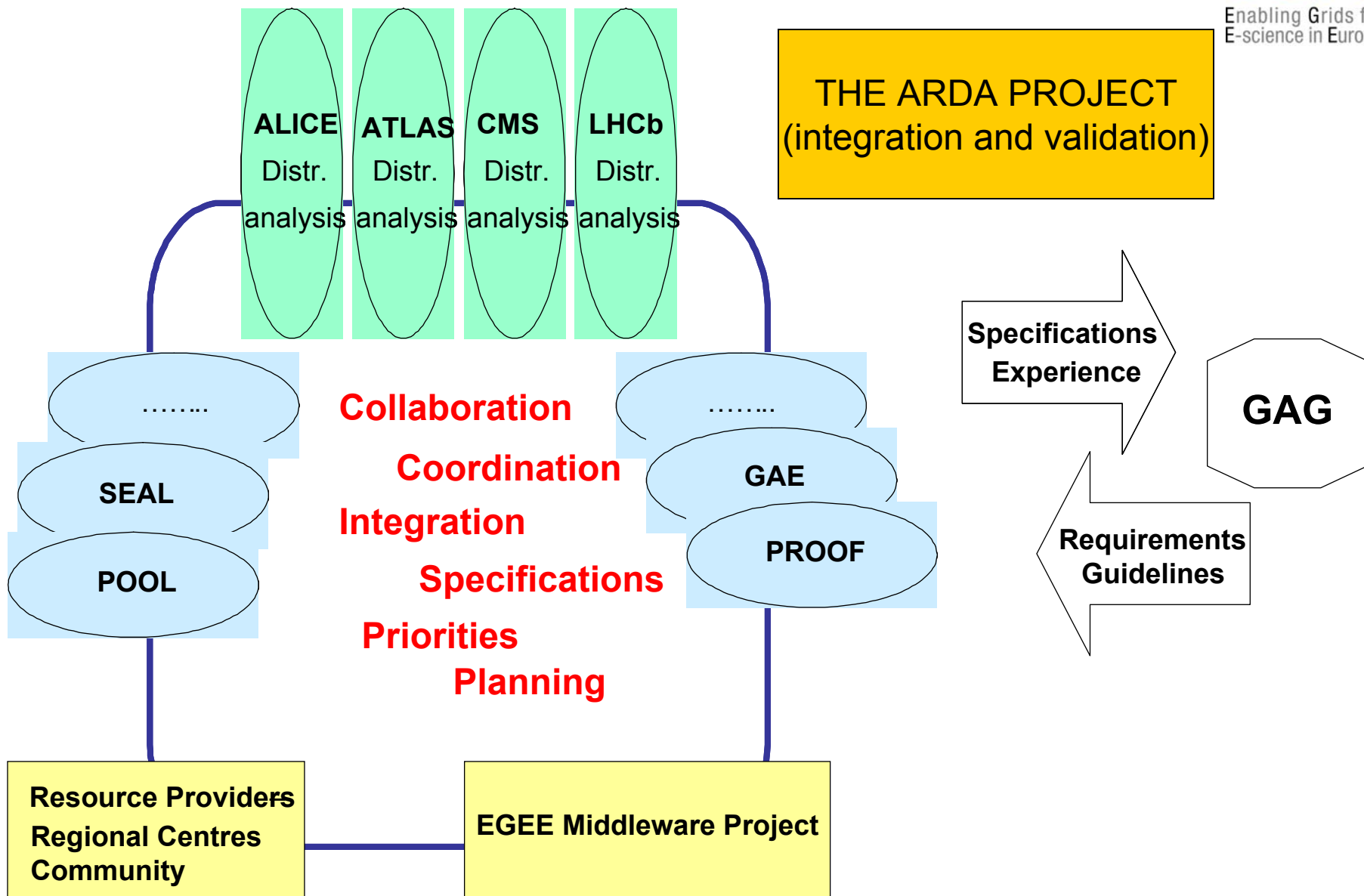
NA4 steering committee(extended)

- Overall Coordination: Vincent Breton (CNRS) (1/03/04)
  Francois Etienne(CNRS) (deputy)

- HEP : Frank Harris (Oxford/CERN)
- Bio: XXX (CNRS)
- Generic: Roberto Barbera(INFN)
- Test Team: René Metery (CSSI)
- Industry Forum: Christian Saguez (Ecole Centrale)

- NA3 Liaison: John Murison (U. of Edinburgh)

- Alice : Piergiorgio Cerello(Turin)   -   all exp reps are members of GAG
- Atlas : Laura Perini(Milan)
- CMS : Claudio Grandi(Bologna)
- LHCb: Andrei Tsaregorodtsev(Marseille)
- D0: Jeff Templon(Nikhef)

- Plus extra people from Biomedicine (V Hernandez(UPV)) and 'generic'

Deliverables (for application activity)
see workplan https://edms.cern.ch/document/450477/2.7
and relation to LCG/GAG(grid Applications Group)

Deliverables		
Internal	M1 May 1 2004	Consolidation of existing requirements documents (HEPCAL1,HEPCAL2,EDG/AWG docs) Follow via GAG on ongoing basis Note we include Biomed + 'other 'requirements (see EDG work)
DNA4.1	M3 Jul 1 2004	Definition of Common Application Interface (relate to ARDA+EGEE work on high level service specs. Also fold in current work on Genius +GAT) Definitely needed for 'new' applications. Bounce off GAG since related to ARDA work
DNA4.2	M6	Target Application Sector Strategy document
DNA4.3	M9 Jan 1 2005	EGEE Application Migration Progress report (revision M15 and M21) (analogous to EDG WP8 evaluation reports) Use GAG and other LCG meetings for feedback from DCs. Will report on use of 'old' and 'new' middleware
DNA4.4	M24	Final Report of Application Identification and Support Activity

Future NA4/HEP organisation (meetings etc.)-avoiding duplication with GAG

- Propose Working Group meet ~ once/month with phone conf
  - Have meeting at 1st project conf in Cork April 19 (agenda agreed)
  - Will also involve interaction with other applications for focus on production of overall application deliverables
  - Will involve also interaction with other EGEE activities (operations,training,…)

- Use GAG meetings for ongoing HEP requirements review and feedback from Data Challenges (and ARDA?)

- 'extended' steering committee (? Every 3 months) to review where we are overall in EGEE applications area

First EGEE project conference – HEP session

- April 18(Sunday) – 22 (Thursday) in Cork,Eire

http://public.eu-egee.org/kickoff/registration/index.html

- Application sessions
  - April 19 Parallel   1400-1730 (Biomed,HEP,Generic)
  - April 20 All NA4   0900-1230
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- NA4 HEP session (April 19)   1400-1730
  - discussion of 'modus operandi'
  - experiments (experience with LCG-2)
  - + ARDA
  - + CESNET   (help desk in Prague for HEP)
  - + (?Russia and UK)   (applications support)
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