

CBG Computing initiative for CERN

Ideas for the joint Tier2 computing project

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Objectives

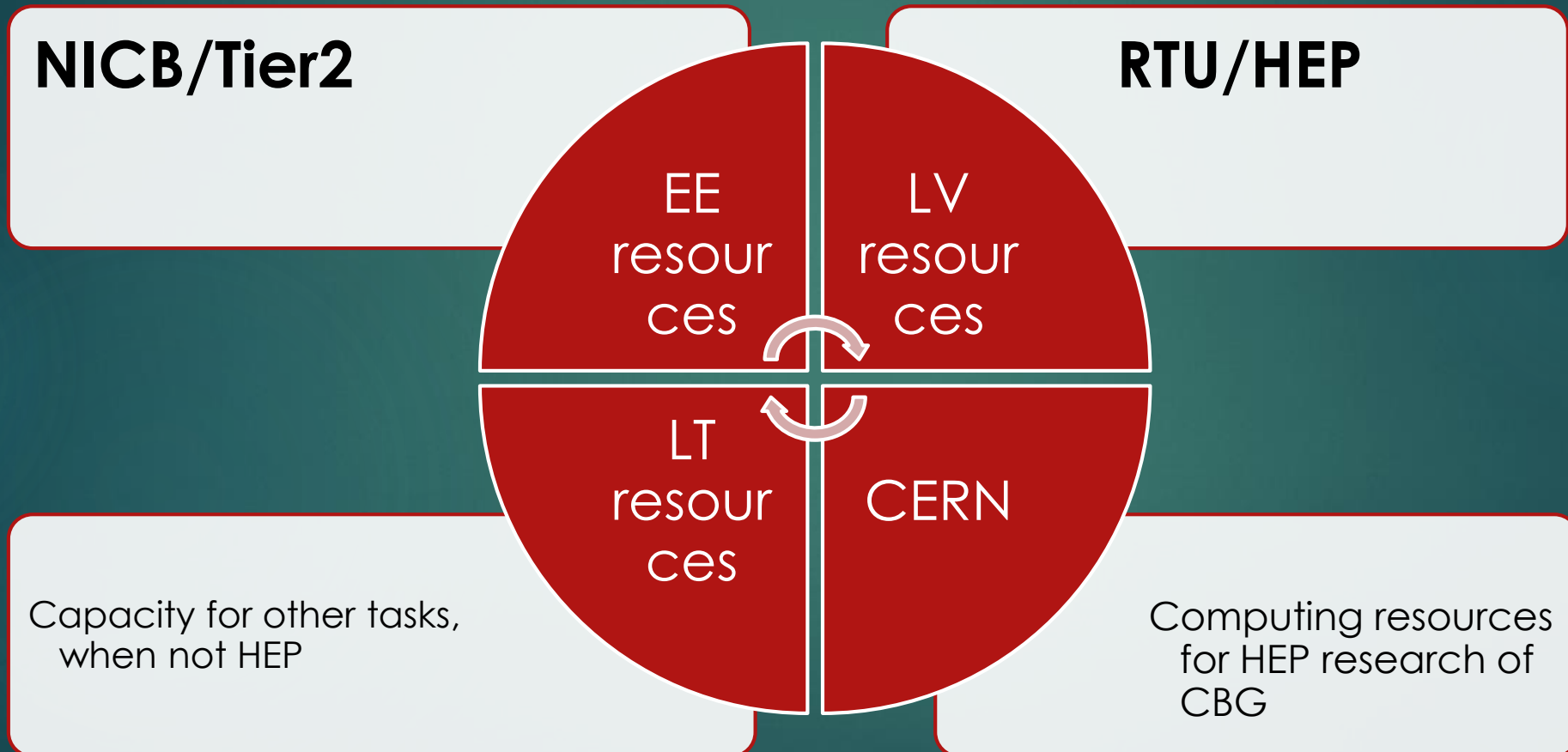
- ▶ To connect in federative configuration CBG HEP computing resources and to set-up working (upgradable) infrastructure
- ▶ To set platform for further collaboration and expansion -> attraction of resources
- ▶ To create working TIER2 center in Latvia and to connect it with Estonian Tier2 (two entry points) and Lithuanian HEP centers
- ▶ To prepare tangible proposal for further EU and national funding
- ▶ To contribute in meaningful way to CERN/CMS computing needs, bearing in mind further upgrades and data processing needs
- ▶ To set-up expert teams and educate/engage students in HEP computing in the doctoral programme To establish outreach to schools in Baltics -> Tier3 computing@school – pilot facilities in the Baltic schools to test the platform and to engage – support from BA

In practice

- ▶ To meaningfully engage interested CBG partners
 - ▶ Potential for Tier1 federate network in Baltics (ex Baltic Grid)
 - ▶ To link with CERN initiatives: CMS and others
 - ▶ To get direct expertise from CERN
 - ▶ To engage 3 PhD students: EE, LV, LT
 - ▶ To put 3 master students with them /HEP related
 - ▶ To link with IPOG activities
 - ▶ To link with Cloud computing EU and national activities
 - ▶ Computing security under CERN strict rules
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- ▶ We have 520 000 of Latvian funding available

Network for partnership

- pooling resources together



CERN Baltic Group

We are strong
together

