

# GPGPU status of deployment and user requirements

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## Description of the work

GPGPU surveys:

User survey: [https://wiki.egi.eu/wiki/VT\\_GPGPU#GPGPU\\_User\\_Community](https://wiki.egi.eu/wiki/VT_GPGPU#GPGPU_User_Community)

Resource provider survey: [https://wiki.egi.eu/wiki/VT\\_GPGPU#GPGPU\\_Resource\\_Centre](https://wiki.egi.eu/wiki/VT_GPGPU#GPGPU_Resource_Centre)

## Wider impact of this work

Information collected through the survey will be discussed to define a EGI technical roadmap. Information will be also aggregated at a national level and provided to NGI representatives to allow the definition of NGIspecific action plans.

## Printable Summary

This contribution will provide information about the current deployment status of GPGPU technologies, the deployment issues faced by administrators, and the user requirements. Information presented will be extracted from the surveys launched in August by the GPGPU Virtual Team.

The purpose of this contribution is to understand how the users currently use, or intend to use, GPGPUs or other accelerated devices in a distributed environment such as grids or clouds, or whether they shall use grid/cloud resources at all for this purpose. In particular, we would like to determine if there is a specific need from European research collaborations and their partners beyond Europe for a more tightly integrated GPGPU capability within the European Grid Infrastructure.

**Presenter:** WALSH, John (TCD)

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