



# **IDGF** **International Desktop Grid Federation**

---

**First Release of Desktop Grids for e-Science Road Map**

Taipei, 2011-03-18

Ad Emmen, AlmereGrid

DEGISCO project













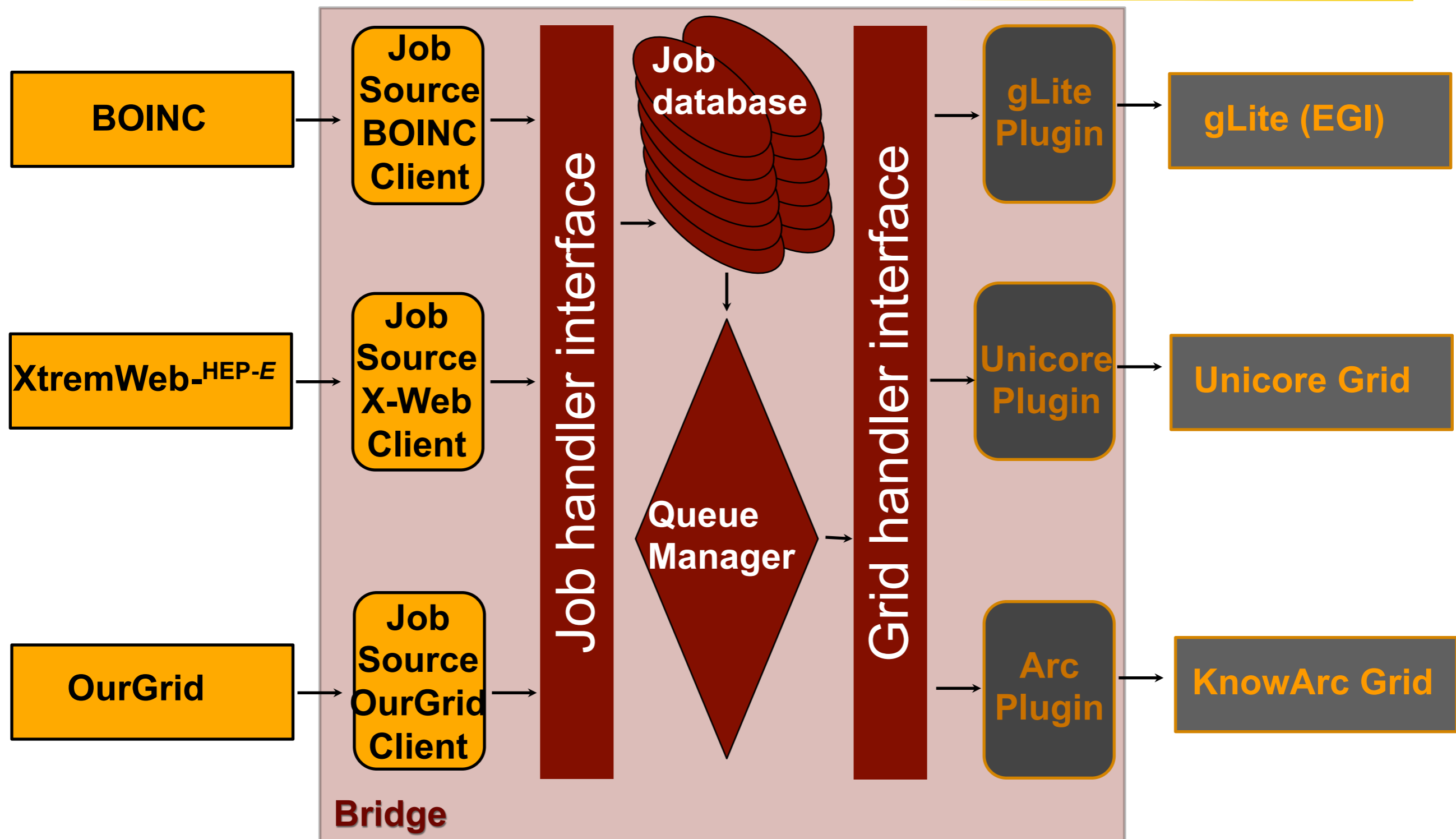








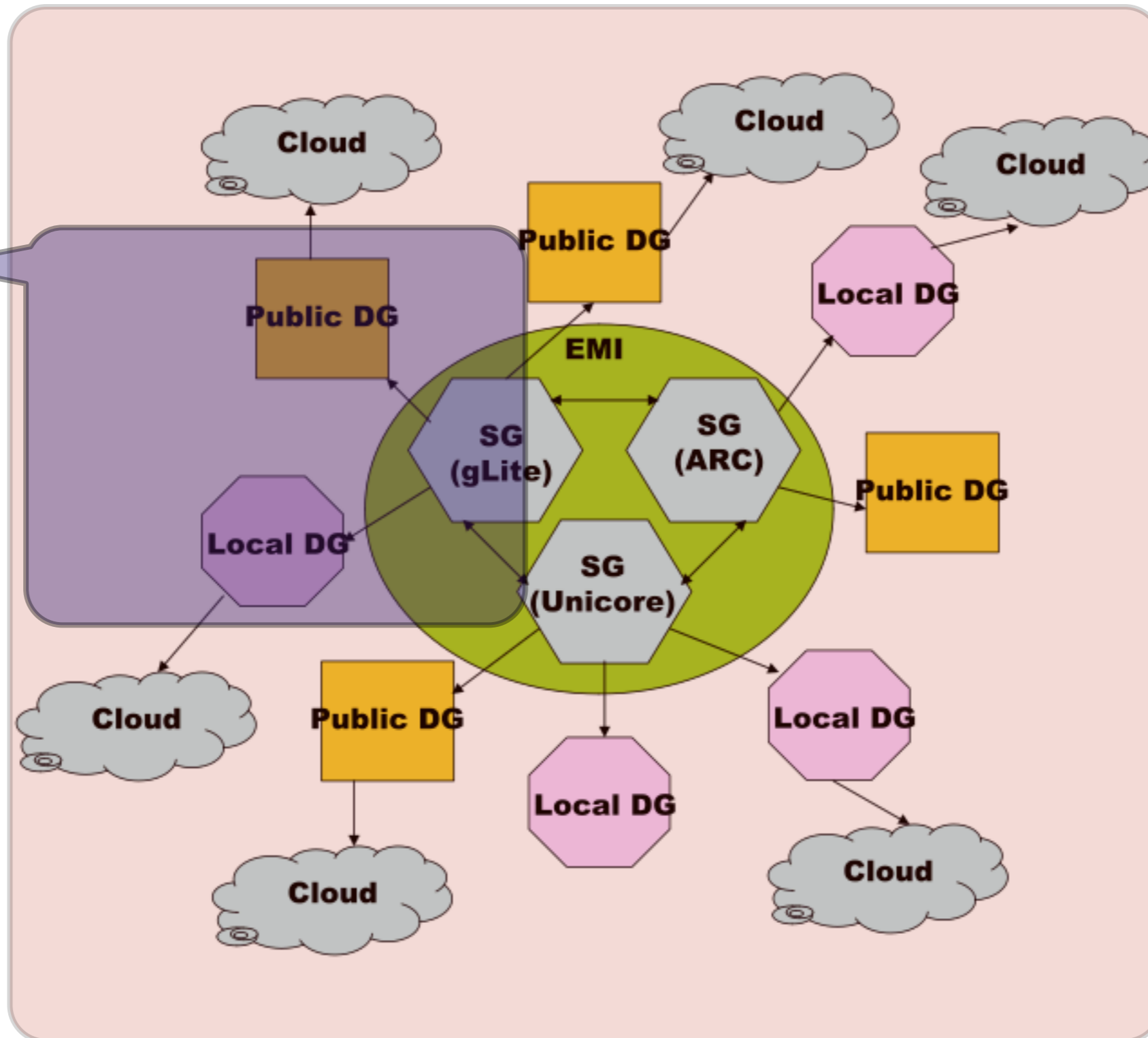
# Generic Grid - Grid Bridge (3G)





# Scope of the EDGI project

EDGeS scope only for compute intensive applications for EGEE (gLite)



EDGI scope for both compute and data intensive applications for EMI/EGI (gLite, ARC, Unicore)

Extend Desktop Grids with Clouds for QoS



















# What is already there in IDGF?

---

- ▶ An existing infrastructure connecting gLite with BOINC, XtremWeb and OurGrid desktop grids
- ▶ About two dozen applications have already been ported (as part of the EDGeS project)
- ▶ Support provided by EDGI and DEGISCO projects
- ▶ New developments from EDGI and applications from DEGISCO











# Events: tutorials, workshops

The image shows a screenshot of the International Desktop Grid Federation (IDGF) website. The top part shows the main navigation menu with options like Start, Members, Events, Documentation, Experts, Infrastructures, Contact, and Forum. The 'Events' section is highlighted, showing a list of events including '1st IDGF tutorial', '2nd IDGF tutorial', and 'Conferences & workshops'. Below this, a detailed view of the '2nd IDGF tutorial' is shown, including its date (September 17), time (14:00 - 17:30h), and location (Amsterdam, Bours van Berlage). The tutorial's objective is to provide an introduction into Desktop Grid computing, programming for Desktop Grids, and connecting Desktop Grids to standard scientific working environments, such as the European Grid Infrastructure (EGI). The tutorial will provide basic information on this technology. The tutorial is organized by the International Desktop Grid Federation, with support from the EDGI project and Gridforum.nl. It is facilitated by the EGI technical Forum. Local organisation: AlmereGrid.









# Consists of two parts

---

- ▶ *A management part* provides a general overview and advice
  - ▶ You can decide whether it makes sense in your situation to start a Desktop Grid
  
- ▶ *A detailed part* gives “how to” information
  - ▶ What do you need to do. Where to get more guidance
  - ▶ Based on years of experience condensed in several DEGISCO technical deliverables
  - ▶ IDGF experience input



























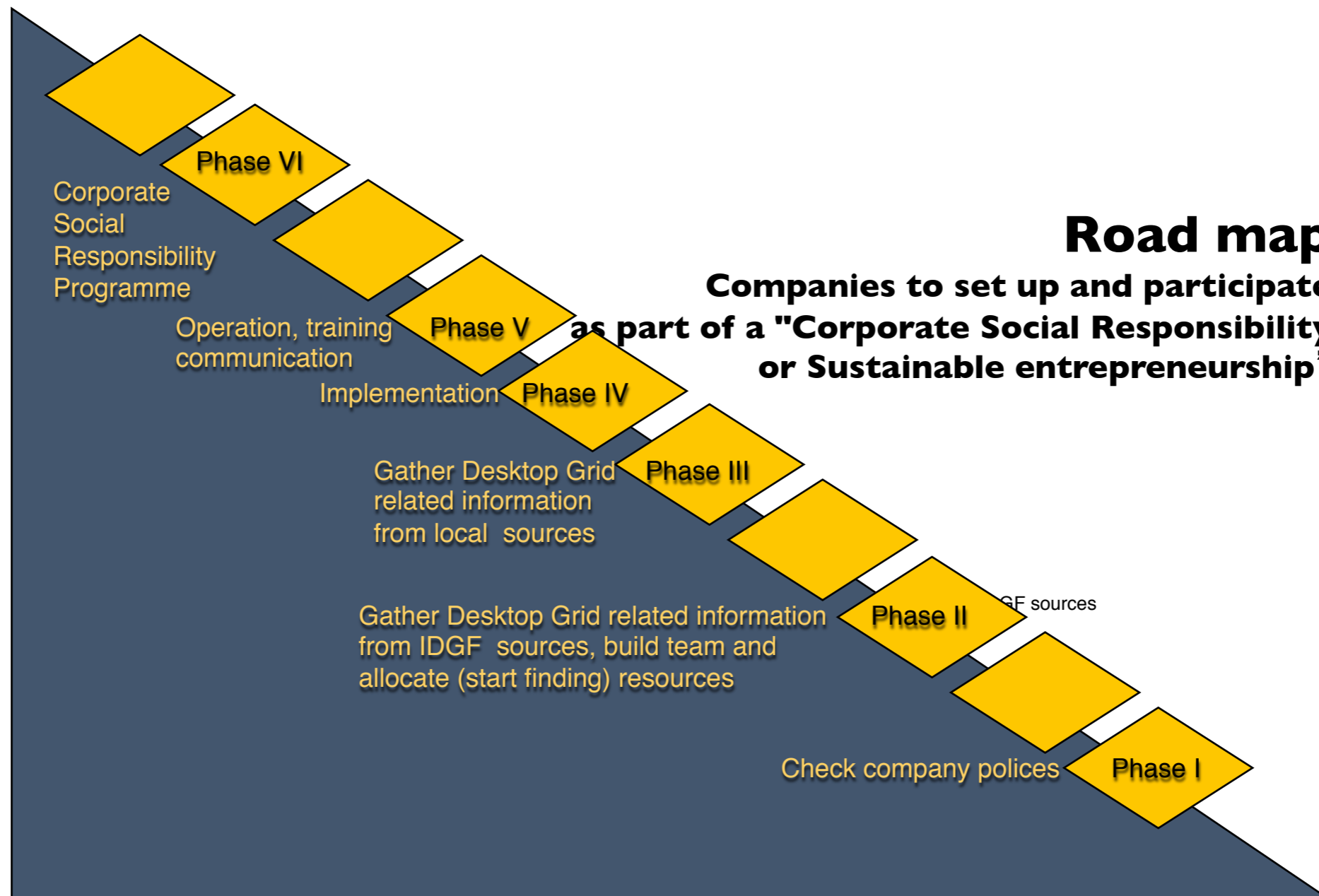








# Corporate Social Responsibility Programme















<http://desktopgridfederation.eu>

Globe adapted from  
<http://upload.wikimedia.org/wikipedia/commons/f/fa/Globe.svg>