

CERN openlab

Guiding Principles for Sponsorship

Version 11 – January 2014

CERN and the LHC

CERN is an Intergovernmental Organization with twenty Member States. With its mission to foster international collaboration in the field of fundamental research in particle physics, it is open to global co-operation.

The Organization has completed in 2008 the construction of the Large Hadron Collider (LHC), the world's largest particle accelerator, which is expected to be operated for more than 15 years. The LHC research programme requires very large computing capacities as well as novel approaches in many IT related domains.

LHC Computing

To this end, CERN, in co-operation with institutes from around the world, has made substantial efforts to develop, prototype, deploy and operate an innovative and powerful data-intensive computing grid, the Worldwide LHC Computing Grid (WLCG), which is in full operation since 2008.

The development, operation and maintenance of the WLCG are organized in the form of an inter-institutional project, the Worldwide LHC Computing Grid Project under CERN's leadership. CERN has substantial technical participation in this project.

Furthermore, CERN continues its long-standing involvement in EU-funded computing projects in support of European e-infrastructures. In parallel, upcoming industrial solutions are evaluated in view of replacing parts of the community developed systems.

CERN openlab

To evaluate potential solutions in the field of Information Technologies to be used by the community of scientists working at LHC, CERN has organized a framework for development and prototyping activities entitled "CERN openlab". The Head of the CERN Information Technology Department acts as Head of CERN openlab, under the authority of the Director-General of CERN. The role can be delegated.

A substantial part of the activities covered by CERN openlab is to evaluate advanced information processing technologies and to integrate them into data-intensive computing environments using distributed architectures based on functional components. CERN openlab also includes research and development work on related IT subjects used in the operation of the LHC accelerator and the LHC experiments.

CERN gives preference to the integration of functional components through vendor-independent techniques, for example those commonly known as Open Standard and Open Source.

Need for collaboration with industry

The success of the WLCG depends critically on substantial developments by industry of information processing technologies and components, and on the integration, with adequate levels of performance, of a large number of such components at CERN and at various institutes around the world.

Advanced technologies needed to operate the accelerator and the experiments safely and efficiently in an open environment are at the forefront of today's practices and are in many cases several years ahead of general industry usage.

CERN openlab represents a highly visible example of collaboration between CERN and interested parties, in particular leading information technology firms. The principles laid down hereunder shall govern the relationship between CERN and the interested parties, which have agreed to become Sponsor of CERN openlab.

Participation

CERN invites interested parties to become Sponsor of CERN openlab.

The status of "Sponsor of CERN openlab" is open to companies and organizations with a recognised standard of excellence in the field of information technology. Requests from any other interested entity or person shall be considered on a case-by-case basis.

There are three categories of Sponsors of CERN openlab: "CERN openlab Partner", "CERN openlab Contributor" and "CERN openlab Associate".

The status of CERN openlab Partner requires an overall contribution to CERN, in cash and/or in kind, of at least CHF 2'400'000 (two million four hundred thousand Swiss Francs) over a period of three years, including:

- (i) a yearly contribution in cash of at least CHF 280'000 (two hundred eighty thousand Swiss francs) for the funding of personnel dedicated to the Project, and
- (ii) a yearly contribution in cash of at least CHF 20'000 (twenty thousand Swiss Francs) for the communication activities related to the Project.

Requests for CERN openlab Partner status must be submitted to the Director-General of CERN.

The status of CERN openlab Contributor requires an overall contribution to CERN, in cash and/or in kind, of at least CHF 250'000 (two hundred and fifty thousand Swiss Francs) over a period of one year, including:

- (i) a yearly contribution in cash of at least CHF 140'000 (one hundred forty thousand Swiss francs) for the funding of personnel dedicated to the Project, and
- (ii) a yearly contribution in cash of at least CHF 10'000 (ten thousand Swiss Francs) for the communication activities related to the Project.

Request for CERN openlab Contributor status must be submitted to the Head of CERN openlab.

The status of CERN openlab Associate requires an overall contribution to CERN over a period of one year, including:

- (i) a yearly contribution in cash of at least CHF 25'000 (twenty five thousand Swiss Francs) for the communication and administrative activities related to the Project.
- (ii) An in-kind contribution according to the needs of the joint activity with CERN.

Request for CERN openlab Associate status must be submitted to the Head of CERN openlab.

Where a contribution is made in cash, this shall in general be applied towards the funding of human resources for CERN openlab activities or for providing common infrastructure items that

cannot be provided “in kind” by any of the CERN openlab Sponsors. CERN encourages CERN openlab Sponsors to apply at least half of their contribution to the funding of human resources.

Negotiations and agreement on the form and amount of an organization's contribution shall be on an individual basis.

Board of Sponsors and Annual Report

CERN has set up a Board of Sponsors of CERN openlab, with CERN openlab Partners as members and with CERN's Director-General as chairperson. Contributors and Associates may be invited as observers.

Partners are invited to name one representative on the Board of Sponsors.

The Board of Sponsors shall receive information and exchange views on the progress and plans of CERN openlab. To this end, the chairperson of the Board of Sponsors shall call an Annual Meeting.

The Head of CERN openlab will present to the Annual Meeting of the Board of Sponsors a draft Annual Report containing a summary of the achievements during the previous year and the outlook for activities during the following year. Following approval by the Board of Sponsors CERN, will issue the Annual Report as a public CERN document.

The activities of all CERN openlab Partners will be featured prominently in the Annual Report and their logos will be displayed prominently on the back cover. The activities of all CERN openlab Contributors and Associates will be mentioned in the Annual Report.

In addition, the CERN openlab management will perform regular project reviews jointly with the Sponsors, to monitor progress and to adjust the project plans within the framework decided by the Board of Sponsors.

References to CERN, the Sponsors and activities covered by CERN openlab

The name CERN openlab and the corresponding logotype (attached hereto) benefit from the protection granted to the name and logo of intergovernmental Organizations.

The Sponsors shall have the right to identify themselves as “CERN openlab Partner”, for CERN openlab Partners, and “CERN openlab Contributor” for CERN openlab Contributors, and “CERN openlab Associate” for CERN openlab Associates. Subject to the conditions set out below Sponsors shall be entitled to use the CERN openlab logotype. Sponsors shall be entitled to make reference for their own purposes to the activities of CERN openlab by referring to the content of the CERN openlab Annual Report.

References to the activities of CERN openlab will always be made through the entire phrase CERN openlab. Its Web reference will be given as <http://www.cern.ch/openlab>.

CERN will be described by its official name, the European Organization for Nuclear Research, its seat being Geneva, Switzerland. Its Web reference will be given as <http://www.cern.ch>.

CERN will provide the CERN openlab logo in printable format (e.g. EPS).

Each Sponsor will be asked to provide CERN with details on the way it should be referenced in the context of CERN openlab. These details shall include the organization's official name, possibly an abbreviation thereof or a short name, the organization's official logo and the organization's physical location as well as its Web location.

CERN shall have the right to make references to the sponsorship provided to the CERN openlab by referring to each Sponsor individually or by referring to the complete set of Partners, Contributors, and Associate Members, and to reference for its own purposes the activities of CERN openlab as detailed in the Annual Report. Such references shall be in accordance with the details provided under the preceding paragraph. CERN shall be entitled to use the logotypes and institutional graphical symbols of all the Sponsors, individually or as a group, and with the openlab Partner logos displayed more prominently, as long as they are used in conjunction with the CERN openlab logotype and graphical symbol.

CERN and each individual Sponsor may negotiate additional references to CERN openlab. Likewise, CERN and the Board of Sponsors reserve the right to negotiate additional references to CERN openlab. The publication of any CERN openlab related material which would not be an exact quotation of the CERN openlab Annual Report is subject to prior written approval by CERN and the Sponsor (mutually agreed content).

References to the activities of CERN openlab by a Sponsor shall not state, suggest or imply an endorsement by CERN of the Sponsor's organization, products and services or of its performance under any contract with the CERN.

The use by any of the Sponsors of the CERN logotype and institutional graphical symbol is subject to prior written approval by CERN.

The question of the use of the logotype and institutional graphical symbol of a given Sponsor by another Sponsor is not affected in any manner by these Guiding Principles for Sponsorship.

CERN openlab logotype

