1. Please provide the name and email address of the principal Project Owner.

   deegree is owned by the following two institutions:

   lat/lon GmbH, info@lat-lon.de
   Bonn University, greve@uni-bonn.de

2. Please provide the names and emails of co-project owners (if any).

   Not applicable.

3. Please provide the names, emails and entity affiliation of all official committers

   Dr. Andreas Poth (poth@lat-lon.de), lat/lon
   Andreas Schmitz : schmitz@lat-lon.de , lat/lon
   Bernhard Herzog : bh@intevation.de , intevation
   Christian Kiehle : kiehle@lat-lon.de , lat/lon
   Hanko Rubach : rubach@lat-lon.de , lat/lon
   Hans Plum : plum@lat-lon.de , lat/lon
   Herman Assink : Herman.Assink@idgis.nl , IDgis
   Judit Mays : mays@lat-lon.de , lat/lon
   Linda Vels : linda.vels@idgis.nl , IDgis
   Lyn Buesching : buesching@lat-lon.de , lat/lon
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   johan ten breteler : johan.ten.breteler@idgis.nl , Idgis
   Christoph Pollmann: cpollmann@moss.de, MOSS
   Jens Stutte: stutte@planetek.it, Planetek

4. Please describe your Project.

   deegree is a Java Framework offering the main building blocks for Spatial Data Infrastructures (SDI). Its entire architecture is developed using standards of the Open Geospatial Consortium (OGC) and ISO/TC 211 (ISO Technical Committee 211 -- Geographic Information/Geomatics). deegree encompasses Web Services (mostly OGC web services such as WMS, WFS, WCS, ...) as well as Clients (web-based: iGeoPortal; desktop: iGeoDesktop) and security components (iGeoSecurity).

5. Why is hosting at OSGeo good for your project?

   We expect more visibility in the international FOSSGIS community by becoming an OSGeo project. We also see potential for better cooperation with other OSGeo projects.

6. Type of application does this project represent(client, server, standalone, library, etc.):

   All of the above. deegree is a library, but the project also offers web-based clients (iGeoPortal), server components and a standalone GIS (iGeoDesktop) that are developed using the library.

7. Please describe any relationships to other open source projects

   ● **A number of plugins for OpenJUMP were developed using deegree**
   ● **deegree uses the following open source libraries:**
     ○ **apache commons**
     ○ **apache batik**
     ○ **ehcache**

- hsqldb
- jasper
- itext
- apache jetspeed (and associated libraries)
- JTS
- log4j
- postgreSQL/postGIS
- axis
- wsdl4j
- visad
- jaxen
- castor

8. Please describe any relationships with commercial companies or products.

deegree was founded by lat/lon (a commercial open source GIS company) and the GIS working group of the University of Bonn. lat/lon still is the main driving force behind deegree, although there are a number of contributors from other companies (the most active beeing Idgis from the Netherlands).

There are adapters to some proprietary products, especially Oracle Spatial/Locator, ECW and ArcSDE.

9. Which open source license(s) will the source code be released under?

Since its founding, the source code is released under LGPL.

10. Is there already a beta or official release?

There is a number of releases. Its first release was published in 2001. The most current release is 2.1.

11. What is the origin of your project (commercial, experimental, thesis or other higher education, government, or some other source)?

The origin of the project is a research project of Bonn University named EXSE (GIS experimental Server in the Internet). After the project was finished deegree was founded by the GIS Working Group of Bonn University and its Spin-Off company lat/lon.

12. Does the project support open standards? Which ones and to what extent? (OGC, w3c, ect.) Has the software been certified to any standard (CITE for example)? If not, is it the intention of the project owners to seek certification at some point?

deegree supports a great number of OGC standards: WMS 1.1.0, WMS 1.1.1, WMS 1.3, WFS 1.0.0, WFS 1.1.0, WCS 1.0.0, GML 3.1.1, CS-W 2.0.0, CS-W 2.0.1, CS-W 2.0.2, ISO Application Profile 0.9.3 (CS-W 2.0.0), ISO Application Profile 1.0.0 (CS-W 2.0.2), CS-W ebRIM profile 0.1.7 (CS-W 2.0.1) , WMC 1.0.0, WPS 0.4.0, WPVS, SOS, Simple Features for SQL, SLD 1.0.0
Also supported are SDI-NRW WAS/WSS specification.
deegree is the official Reference Implementation of the OGC for the standards WMS 1.1.1, WMS 1.3 and WCS 1.0.0 and therefore CITE-certified for these standards.

13. Is the code free of patents, trademarks, and do you control the copyright?

Yes.

14. How many people actively contribute (code, documentation, other?) to the project at this time?

About 20 people.

15. How many people have commit access to the source code respository?

17 people.

16. Approximately how many users are currently using this project?

Hard to say. Several hundred worldwide? Registered on the deegree mailing lists are:

announce: 74
users: 261
devel: 201

17. What type of users does your project attract (government, commercial, hobby, academic research, etc.)?

Mainly government, commercial and academic.

18. If you do not intend to host any portion of this project using the OSGeo infrastructure, why should you be considered a member project of the OSGeo Foundation?

As we so far understand, the important point of being an OSGeo project is not using the infrastructure of the foundation, but to support the aims of the foundation and bring a significant contribution to high quality open source GIS.

19. Does the project include an automated build and test?
Yes. Nightly builds can be downloaded from http://www.deegree.org

20. What language(s) are used in this project? (C/Java/perl/etc)

Java, HTML/JSP, XSLT and JavaScript

21. What is the dominant written language (i.e. English, French, Spanish, German, etc) of the core developers?

English.

22. What is the (estimated) size of a full release of this project? How many users do you expect to download the project when it is released?

Release sizes as follows:

deegree2 java source (incl. iGeoDesktop): ~18MB in ~2.400 files
deegree2 java source (excl. iGeoDesktop): ~16MB in ~1.900 files
deegree2.jar (excl. iGeoDesktop): ~4.2MB
all additional used libraries (incl. Oracle, ArcSDE etc:): ~31MB in 79 files
all additional used libraries (just free available): ~26.5MB in 67 files
all additional used libraries (just open source): ~15.7 MB in 44 files
iGeoPortal standard edition (incl. libs): ~29MB
iGeoPortal portlet edition (incl. libs): ~27.5MB