

Bolzano/Bozen, 4 Octobre 2020

Market research policy implementation

This document concerns market research for the identification of a partner that can support NOI S.p.A. in activities regarding policies for the implementation of Open Source projects. These activities are in the frame of an internationally relevant project.

NOI AG / S.p.A.

A.-Volta-Straße 13A
Via A. Volta, 13A
I-39100 Bozen / Bolzano

T +39 0471 066 600
info@noi.bz.it
PEC: noi@pec.noi.bz.it
www.noi.bz.it

Eintragung im Handelsregister
der Handelskammer Bozen
Steuernr. & MwSt.Nr.:
02595720216
Ges.kapital voll eingezahlt:
110.740.000 €

Numero d'iscrizione nel registro
delle imprese presso la Camera
di commercio di Bolzano
Codice fiscale e part.
IVA.: 02595720216
Capitale sociale interamente
versato: 110.740.000 €

Index

1. Goal of the market survey	3
2. Constraints	3
2.1 Economic exploitation	3
2.2 Repository Git	4
2.3 Work methodology	4
2.4 Competences and references	5
2.5 Invoicing	5
2.6 Deadlines	6
3. Other useful information	6
3.1 Documentation	6
4. Contact	6

1. Goal of the market research

As already mentioned in the introduction, the goal of this market research is the identification of a partner that can support NOI S.p.A. in activities regarding policies for the implementation of open source projects. In particular, main activities related with this market research are:

- Analysis of existing policies
- Enrichment of the existing policies
- Analysis of the development environment and processes
- Training of software developers and engineers
- Setup of all necessary tools to implement the policies
- Generation of a Bill of Material (BOM)

These activities are in the frame of an internationally relevant project. A detailed description of the activities and of the existing environment (policies, tools, development processes, etc.) will be delivered prior the signing of a non-disclosure agreement (NDA) between NOI S.p.A. and the supplier. In this market research we ask the service provider to express interest in one or more of the activities mentioned before, to prove these competences and provide an hourly cost for these activities.

2. Constraints

In this section are listed and described the constraints that the service provider has to follow in order to work with NOI on this project.

2.1 Economic exploitation

Where the creation of material subject to proprietary rights, including copyrights, sui generis data rights, and related rights, including solely of photographs, industrial design, all rights of economic exploitation arising from achieved results are reserved to NOI L.t.d., excepting those expressly excluded when the order is placed.

Further, if the material includes a software development project, all source code from libraries or other modules used in the realisation of an assignment and belonging to a third party must be released under an Open Source license (opensource.org/licenses) in a manner compatible with the scope of the "outbound" software license, without requirement for adaptation, addition, cancellation or requests for permission from third parties on the part of NOI L.t.d. In the absence of any expressly indicated license, the terms of the GNU GPL v3 license shall apply. The use of material belonging to third parties must be expressly declared at the time of the offer, or be easily and immediately understandable from the description of the project. In the event that code is developed during the realisation of this assignment, NOI L.t.d. will initiate a Git repository on which the supplier must develop and publish the source code.

If the material consists of data, creative works (drawings, literary works, cinematographic works, figurative art, photographs), industrial design or other

material which are subject in whole or in part to the proprietary rights of a third party, the use of such material is permitted provided it is licensed under conditions compatible with the license under which said material will be published, if indicated. If no license is indicated, the material will be subject to conditions compatible with the Creative Commons Zero (CC0) license.

2.2 Repository Git

The source code has to be uploaded to the Git repositories provided by NOI Techpark. During the upload we kindly ask to keep particular attention to the following aspects:

- to not commit usernames or passwords since NOI Techpark uses Jenkins technology to build the code which implements password ingestion based on special keywords in the source code;
- to well document the code describing at least:
 - the general architecture of the system;
 - the list of the licences of all the libraries used;
 - the installation process;
 - all other useful information for people who want to fork or install and use the project.

2.3 Work methodology

The development of the activities covered by this market survey will follow the agile method (scrum). Two weeks sprint sessions are scheduled, unless otherwise agreed during the kick-off meeting with the core team of the Beacon Südtirol - Alto Adige project.

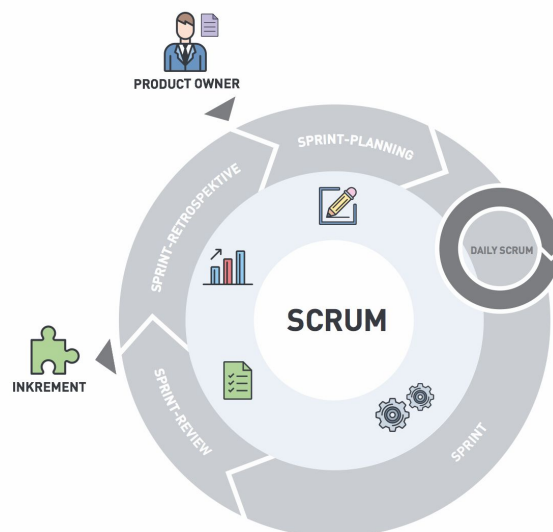


Figure 2: the SCRUM methodology.

The software development will take place in three phases/environments:

- **development environment:** this environment is on supplier's infrastructure and is used during the development of the software components;
- **testing environment:** on infrastructure made available from NOI Techpark. This environment is used in order to test the new working versions of the software components. For the publication of the new versions a Continuous Integration (Jenkins) pipeline will be developed by the NOI team. For this reason the new versions of the code will have to be "committed" to a dedicated Git Repository according to the instructions provided by the team of the NOI Techpark;
- **production environment:** on infrastructure made available from NOI Techpark. After the testing phase, as soon as the software produced is considered sufficiently stable, the software will be integrated in the production environment. Also this process is managed automatically with Continuous Integration pipelines.

2.4 Competences and references

Considering the activities included in this market research, the service provider who wants to send an offer has to guarantee the following requirements.

- an English knowledge that allows the team to work also with international communities;
- an Italian and German knowledge that allows the team to work and get in contact with the local stakeholders;
- the project team of the service provider must have experience in policy definition and implementation for Open Source projects.
- the project team of the service provider has to have experience in contribution to Open Source projects;
- the project team of the service provider has experience in development projects managed with agile methods;
- the project team of the service provider has knowledge of systems for automating the build, testing and distribution of applications (e.g. Docker);
- the project team of the service provider is used to work with continuous integration systems (e.g. Jenkins).

2.5 Invoicing

The invoicing of the activities concluded by the supplier will be sent to NOI S.p.A via electronic invoice only after the outputs produced have been successfully tested by NOI S.p.A. Before to proceed with the testing of the outputs, the supplier must provide to NOI S.p.A.:

- the produced documentation;
- if code development is planned, the code must be uploaded to the Git repository provided by NOI S.p.A;
- in the case of multimedia contents (e.g. photos, videos, illustrations, documents), the service provider has to upload it on specific platforms (e.g.

Vimeo, Flickr, etc.) and provide the source files or open versions through appropriate file hosting services indicated by NOI S.p.A.

2.6 Deadlines

The service providers who are interested in participating in this market research will have to present their offer within the **12th of October 2020**.

3. Other useful information

In this section are listed and described all other useful information that the service provider has to consider in order to provide an offering for this project.

3.1 Documentation

In order to participate to this market research, we kindly ask to provide the following documentation:

- the company description that includes also the list of references in similar projects;
- the description of the team that will be assigned to the project;
- the hourly rate of each team member included in the project team.

4. Contact

In case of question please contact:

Luca Miotto
Email: l.miotto@noi.bz.it
Tel.: 0471-066675