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[NEON]

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Work Package 2: Development of the network of competence
(NoC) on IoT

Title: D2.1 Report on management platform to
coordinate the NoC

Lead Organization: UNS

**Participating
Organization:** UNI-KLU, UC3M, UNC, UNS, UNMDP, UdelarR,
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	Description	This report describes the management platform developed to manage the network of competence (NoC). In particular, the document provides: i) a description of the objectives of the website of the NoC. ii) a brief description of the functionalities of the website associated to the NoC.
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1	12.4.2022	J. Cousseau	UNS	Drafts with contents of all sections
2	27.5.2022	J. Cousseau	UNS	Draft almost in final version
3	17.10.2022	A. Tonello	UNI-KLU	Review to emphasize NoC mission.
4	30.10.2022	J. Cousseau	UNS	Review to consider NoC objectives
5	04.11.2022	J. Cousseau	UNS	Changes suggested by expert (N. Novello)
6	21.11.2022	J. Cousseau	UNS	Final version

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1. Introduction

The objective of WP2, “Development of the network of competence (NoC) on IoT” of the NEON project [1], is the development of a legal and practical framework for the network of competence (NoC). The specific tasks are associated to the development of the university/industry cooperation agreements and legal cooperation framework.

The deliverables, and their associated tasks, related to WP2 are the following

- D2.1 Report on management platform to coordinate the NoC
- T2.1 Develop a management platform for NoC

- D2.2 Report on the creation of the legal framework for the NoC
- T2.2 Develop policies and procedures to regulate NoC

- D2.3 Report that defines the governance of the NoC
- T2.3 Define the governance of NoC

- D2.4 Report on network implementation
- T2.4 Partners and network implementation

The objective of the deliverable D2.1 is to report about the basic characteristics and functionalities of the website developed to manage the network of competences (NoC). In particular, the document provides: i) a description of the objectives of the NoC and its related website. ii) a brief description of the functionalities of the website associated to the NoC and iii) a review of the general objectives of the NEON NoC website.

To these purposes, a description of the NoC website is presented in Section 2. Then, in Section 3, the functionalities of the NoC website are addressed. General objectives of the NEON NoC website are described in Section 4. Finally, conclusions of this deliverable are given in Section 5, to serve as the basis for the dissemination of the activities of the NEON project and the NoC.

2. Description of the NoC website

The website of the ERASMUS NEON Network of Competences in Internet of Things (NEON NoC) is as follows: www.neon-iot.org

The home page (in its two versions: English and Spanish) shows, in addition to the cover (as illustrated in Fig. 1), a menu at the top with different options that are detailed later.



Fig. 1: Network of Competences on Internet of Things. The network website consortium (NoC).

The results of work to define the general structure of the NoC, which are part of Deliverable D2.2 (i.e., bylaws, governance, etc.), are important aspects to report on the NoC website. A brief description of these aspects is as follows:

Mission:

The Network of Competences on IoT (NoC) is a network of non-profit academic institutions and companies of a cultural and educational nature that seeks to increase people's competencies in the Internet of Things (IoT) technologies.

Objectives:

- To promote joint activities for training human resources on the IoT domains.
- To encourage the broadest exchange of information and educational material between the network members and the relevant stakeholders.

- To coordinate the actions of partner institutions to generate resources and material aimed at developing skills in IoT.
- To promote cooperation between its members, and other academic institutions, industry and individuals by virtue of the development of human resources and their skills in IoT.
- To promote outreach activities, develop information and recommendations targeting stakeholders in the domain of IoT (society at large, research and education institutions, industry, public authorities).
- To promote economic and societal benefit growth, employability, and cooperation.
- To organize networking events, educational activities, seminars, workshops.
- To offer research services by its members and foster cooperation projects.
- To share infrastructure and capacities.
- To foster student/staff mobility.

Governance:

The NoC is managed by the Board of Directors (BoD), formed by: the president, the vice president, 3 directors (educational and dissemination activities, members and industry outreach, technical activities) and the secretary.

The importance of the mission and main objectives of the NoC is also emphasized in the cover of the website as summarized in the block diagram illustrated in Fig. 2.

Mission

The IoT Competence Network (NoC), made up of academic institutions and companies and of a cultural and educational nature, seeks to increase the skills or abilities of people in Internet of Things (IoT) technologies.



Fig. 2 Main objectives of the NEON NoC.

3. Functionalities of the NoC website

In addition to the menu at the top of the front page, a first approximation to the functionalities in terms of general information and dissemination of activities and results of the NoC, is also presented on the cover as shown in Fig. 3. There it is possible to find information on the NoC of the following aspects:

- About the NoC: bylaws and P&P.
- IoT Events: Dedicated to the dissemination of all workshops, courses and/or seminars, etc.
- Internships/training: To publicize all internship opportunities and mobility financing for potential interested students from NoC member universities.
- Links: Information for members to be involved in the NoC.
- News: News fundamentally associated with thematic aspects of the NoC.

As can be verified on the website, some content is already available in this table of features but it is expected to be completed in detail with the development of the ERASMUS NEON project.

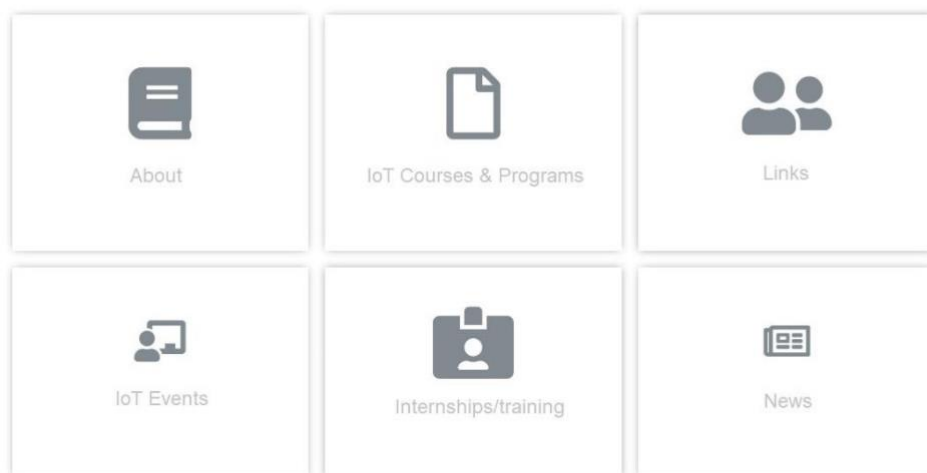


Fig. 3 Some detail of the functionalities of the NoC website.

4. General objectives of the NoC website

Some general objectives for the website of the NoC are the following:

- Participation of new collaborating institutions and companies: The objective is to provide updated information and new alternatives in IoT technologies not only to the initial members of the NoC, but also to motivate the participation of possible new members from both academic institutions and companies.
- Annual report of NoC activities: Formalize an activity report, on an annual basis, of the NoC that includes the participation of all members and highlights the activities carried out.
- Educational, training and job offer: As one of the important long-term objectives, the offer of training content, courses, internships and job offers related to the subject of IoT will be highlighted periodically.

5. Conclusions

The purpose of this brief report is to describe general aspects, functionalities and objectives of the NoC website.

Through it, it became evident that several basic aspects of said website are already available and that, as the ERASMUS NEON project develops, it will be completed in terms of content.