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on IoT

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**Participating
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1. Introduction

This is the deliverable for Work Package 2, Task 2.4 (WP2/T2.4), named "Report on network implementation", this is the last deliverable of WP2 (D2.4), reason why it includes a brief summary of the previous deliverables and also quotations to them. D2.4 reports the activities performed in the Task 2.4 (T2.4), named: "Partners and network implementation".

Also in this deliverable is reported the last part of the WP2 process performed in order to extend the number of participant member in this network of competence dedicated to IoT.

2. Objectives of the Deliverable

Provide a brief summary of the work developed as part of the WP2 in order to implement this network of cooperation.

Provide the detail of tasks performed inside the WP2 T2.4 to kick off (initialize) the Consortium and extend the number of members of this recently implemented network of competence. Members refer to universities, companies and also individuals.

3. Summary of Previous Developed Tasks in WP2

This section comments on the previous deliverables that were taken into account for the realization of this last deliverable of WP2, called: "Partners and Network Implementation".

Deliverable of Task 2.1

This deliverable (D2.1), presents the objectives of the WP2 of the NEON project [1], this work package is named: "Development of the network of competence (NoC) on IoT". Also presents the structure of tasks and deliverables to achieve these objectives.

In D2.1 [2], named: "Report on management platform to coordinate the NoC", the reader also can find the description of the NoC website developed¹, and its functionalities. This task were performed in the frame of Task 2.1 (T2.1) named: "Develop a management platform for NoC".

Deliverable of Task 2.2

D2.2 [3], named: "Report on the creation of the legal framework for the NoC" reports the tasks performed in the frame of Task 2.2 (T2.2) named: "Develop policies and procedures to regulate NoC".

In D2.2 a detailed description of the policies and procedures accorded (after several instances of discussion) to regulate this NoC is presented.

Deliverable of Task 2.3

D2.3 [4], named: "Report that defines the governance of the NoC" reports the tasks performed in the frame of Task 2.3 (T2.3) named: "Define the governance of NoC".

¹<https://www.project-neon.eu/>

In D2.3 the reader can find a detailed description of the governance of NoC accorded after several instances of discussion. These mechanisms of governance will make it possible for this NoC to start to work as a completely functional NoC.

At the end of Section 5, "Conclusions", a brief description of some achievements already obtained by this project are presented.

At the end of this document, in the Section "Annexes: Bylaws", how to initialize and operate this NOC in the near future is proposed.

In the following section, next tasks to perform in order to increase the number of associated member to this NOC is presented.

4. Initialization of the Consortium (NoC)

An important milestone in the initialization of this consortium was the first general meeting in Klagenfurt (celebrated from May 2 to 5 of 2022). There the governance and the network implementation was discussed and some modifications were accorded, and later incorporated to these deliverables. For the initialization of this consortium it was important to define some network activities, as the following ones:

1. Founding members and governance definition
2. Development of NoC founding members agreement
3. Creation of the NoC web site
4. Admission of new members
- 5.- Definition of frequency and form in which the General Assembly (GA) will be held. During these assemblies the committees present and discuss their proposals. The result of these discussions and consequences motions are submitted to the Board of Directors (BoD) for approval. The BoD will approve or not the proposals raised by the GA, and these results will return to the corresponding committees to be in charge of the execution of the proposals or modifying them considering the BoD observations.
- 6.- Organization of at least one Workshop per year.

The admission of new members will be processed through the web page of the consortium, and administered by a member appointed by the BoD.

The General Assemblies will have an important role in the direction of this consortium, for these reason several points about these assemblies have been determined as described below.

4.1 General Assemblies (Annual Assemblies)

4.1.1- Periodicity: Annual.

4.1.2- Date: first fortnight of March.

4.1.3.- Form: Virtual (activity not financed by the project), to ensure its performance and the possibility of participation by all members. The other events can be face-to-face, virtual or hybrid. Within the framework of the Erasmus+ NEON project until January 2024 only one of these General Assemblies will be held.

4.1.4.- Content that will be developed in the Annual GA:

- Review of the State of the Consortium.
- Definition of activities of the year.

4.1.5 - Workshops organization.

4.1.6 - Presentation of course offerings and dissemination.

4.1.7 - Participation in other events as an entity.

4.1.8- Discussion on the the future of the Consortium.

4.1.9.- NEON network dissemination plan, use of logos, etc.

It would be desirable for the activities agreed for the year to be mappable (at least in follow-up matters) to the corresponding committees, as a way of ensuring the follow-up of the activities involved.

5. Tasks to Consolidate the Network of Competence

In this section is defined some of the tasks that will be carried out in order to consolidate the network and expand the number of members.

5.1. Tasks to Perform to Expand the Number of Members

Once the network framework was realized, through the work of the founding partners, which was summarized in Section 3, the next reasonable step is to extend the base of members. It is to invite new members to integrate this network of competence. To perform this task three main task will be performed.

- 1.- To invite to join this network to all the active participants of the previous surveys.
- 2.- To develop procedures and content so that to keep the web site of the NoC updated.
- 3.- To organize events to make diffusion of the work performed by the network and its members.

In the following paragraphs, is specified (in Spanish and English) the texts proposed to perform the activities described previously as 1.- and 2.-.

The tasks performed at the beginning specifically include:

1. Create e Membership section in the NoC web site.
2. Identify target groups (companies, universities, individuals).
3. Reach out the target groups through emails and personal contacts.
4. Prepare a flyer that can be used as a dissemination tool in events.

1.- Texto en la web para invitar a empresas, universidades e individuos

[Versión en Español]

Con la intención de ampliar el número de miembros y extender a ellos los beneficios de formar parte de esta red internacional de competencia en el área de IoT, es que se invita a empresas,

universidades e individuos a registrarse en ella como miembros. Con la Misión y Visión compartida en el inicio de este sitio, esta red de competencia integra miembros que trabajan o desean trabajar en algunas de las áreas que incluye la IoT. A través de esta red, se difundirán eventos, proyectos, cursos, llamados y un conjunto amplio de oportunidades en el área. Se trata de una red de competencia que dinamiza la cooperación y el desarrollo del área mencionada sin fines de lucro. El registro de empresas, universidades o individuos, como miembros integrantes de esta red no tiene costo. Los invitamos entonces a visitar el siguiente enlace para registrarse. [LINK]

1.- Text in the web page to invite companies, universities and individuals

[English Version]

With the intention of expanding the number of members and extending to them the benefits of being part of this international network of competence in the area of IoT, companies, universities and individuals are invited to become members of the Network of Competence on. With the Mission and Vision shared at the beginning of this site, this competence network integrate members who work or want to work in some of the areas that IoT includes. Through this network, events, projects, courses, calls and a wide range of opportunities in the area will be disseminated. It is a non-profit network of competence that encourages cooperation and development of the aforementioned area. The membership of companies, universities or individuals, as members of this network has no cost. Then, we invite you to visit the following link to register. [LINK]

2.- Texto del email de invitación a unirse a la red para empresas e individuos

[Versión en Español]

Aprovechando a saludarlos y a desearles que se encuentren bien!, los invitamos a integrarse como miembros de esta red de competencia en el área de IoT (NoC). Pueden registrarse como empresa, o como individuos (si estuviera interesado en formar parte de esta red personalmente). La membresía le ofrece varios beneficios:

- Participación en las actividades de la NoC, que incluyen cooperación en el sector de IoT, fomento de la innovación, investigación y crecimiento económico, creación de oportunidades educativas, organización de eventos.
- Facilitar la creación de alianzas paa el desarrollo de proyectos conjuntos.
- Compartir competencias, experiencias y recursos de infraestructura.
- Recibir información sobre actividades y oportunidades.
- Participar en eventos científicos organizados por la NoC.

El registro de empresas, universidades o individuos, como miembros integrantes de esta red no tiene costo. Para registrarse puede acceder al siguiente enlace: [LINK]

Con la Misión y Visión compartida en la web de nuestro sitio ([LINK]), esta red de competencia integra miembros que trabajan o desean trabajar en algunas de las áreas que incluye la IoT. A través de esta red, se crearán eventos, proyectos, cursos, llamados y un conjunto amplio de oportunidades en el área.

2.- Text of the email with the invitation to join to the network for companies and individuals

[English Version]

Taking the opportunity to greet you and wish you all the very best!, we invite you to join as member of the Network of Competence on IoT (NoC) . You can become a member as a company, or as an individual (if you have interest to do so, personally) , Membership offers you several benefits:

- Participation to the NoC activities which include establishing cooperations in the IoT sector, foster innovation, research and economy growth, create educational opportunities, organize events.
- Facilitate the creation of partnership for joint projects
- Share competences, experiences and infrastructure resources
- Receive information on activities and opportunities
- Participate to scientific events organized by the NoC

Membership of companies, universities and individuals has no cost. To register you can access the following link: [LINK]

With the Mission and Vision shared on our website ([LINK]), this network of competence connects members who work or have interest in the IoT domain. Through this network, events, projects, courses, calls for projects and a wide range of opportunities will be created.

3.- Texto del email de invitación a unirse a la red para para universidades e individuos

[Versión en Español]

Aprovechando a saludarlos y a desearles que se encuentren bien!, los invitamos a integrarse como miembros de esta red de competencia en el área de IoT (NoC). Pueden registrarse como universidad, facultad, o como individuos (si estuviera interesado en formar parte de esta red personalmente). La membresía le ofrece varios beneficios:

- Participación en las actividades de la NoC, que incluyen cooperación en el sector de IoT, fomento de la innovación, investigación y crecimiento económico, creación de oportunidades educativas, organización de eventos.
- Facilitar la creación de alianzas para el desarrollo de proyectos conjuntos.
- Compartir competencias, experiencias y recursos de infraestructura.
- Recibir información sobre actividades y oportunidades.
- Participar en eventos científicos organizados por la NoC.

El registro de empresas, universidades o individuos, como miembros integrantes de esta red no tiene costo. Para registrarse puede acceder al siguiente enlace: [LINK]

Con la Misión y Visión compartida en la web de nuestro sitio ([LINK]), esta red de competencia integra miembros que trabajan o desean trabajar en algunas de las áreas que incluye la IoT. A través de esta red, se crearán eventos, proyectos, cursos, llamados y un conjunto amplio de oportunidades en el área.

3.- Text of the email with the invitation to join to the network for universities and individuals

[English Version]

Taking the opportunity to greet you and wish you all the very best!, we invite you to join as member of the Network of Competence on IoT (NoC) . You can become a member as a university, faculty or as an individual (if you have interest to do so, personally). Membership offers you several benefits:

- Participation to the NoC activities which include establishing cooperations in the IoT sector, foster innovation, research and economy growth, create educational opportunities, organize events.
- Facilitate the creation of partnership for joint projects
- Share competences, experiences and infrastructure resources
- Receive information on activities and opportunities
- Participate to scientific events organized by the NoC

Membership of companies, universities and individuals has no cost. To register you can access the following link: [LINK]

With the Mission and Vision shared on our website ([LINK]), this network of competence connects members who work or have interest in the IoT domain. Through this network, events, projects, courses, calls for projects and a wide range of opportunities will be created .

5.2 OtherTasks

5.2.1.- Secciones a incluir en la web

[Versión en Español]

A.- Eventos en IoT

B.- Llamados a Proyectos en IoT

C.- Oportunidades Laborales

D.- Oferta de Cursos

E.- Oferta de Pasantías en Empresas

5.2.1.- Sections to include in the web page

[English Version]

A.- Events in IoT

B.- Calls for Projects in IoT

C.- Job Opportunities

D.- Course Offer

E.- Offer of Internships in Companies

6. Conclusions

In Section 3 the tasks performed in WP2 for the initial implementation of the network are briefly summarized.

In Section 4, it was defined the proposed initialization procedure of the network that started with the Plenary meeting (General or Annual Assemblies) in Klagenfurt from May 2 to 5, 2022. This section defined the initialization procedure of the Consortium and the way in which its implementation will evolve according to the definitions that will be proposed at the annual General Assembly (GA) and later approved by the Board of Directors (BoD).

In Section 5 was described in detail the tasks to perform as part of T2.4 in order to extend the number of participants and beneficiaries of this network.

As a result, at 28/06/2022 the network of competence in IoT is an active network which can be briefly described by the following figures.

- 1.- 36 founding partners.
- 2.- 24 courses will be offered for improving the education in the IoT area (some of them already carried out), offered by 7 universities members of this network.
- 3.- 3 international events were already celebrated in order to promote IoT as an instrument of development.

7. References

- [1] *NEON project proposal*. (2020).
- [2] D2.1, Report on management platform to coordinate the NoC. Available in:[LINK]
- [3] D2.2, Report on the creation of the legal framework for the NoC. Available in:[LINK]
- [4] D2.3, Report that defines the governance of the NoC. Available in:[LINK]