



To Photonics21Secretariat
via eMail: secretariat@photonics21.org

Dear Photonics21 Secretariat

We herewith submit the nomination of the following Photonics21 Board of Stakeholder candidate (organization) / representative (person).

**- Letter of Nomination -
Photonics21 Board of Stakeholders
Election 2020**

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§ 5 BOARD OF STAKEHOLDERS (6) b....A candidate nomination will always contain the name of the candidate organisation together with its proposed BoS Representative, and voting on a candidate implies voting on this combination.

1. Full legal name of the affiliation nominated as BoS Member (candidate's organisation):

Prima Industrie SpA

2. Full contact details of the affiliation (street, postal code, country) nominated as BoS Member and invoice address *(In accordance with the Terms of Reference §5, which the Affiliation acknowledges having received, an Annual Service fee will be invoiced every year during the first quarter to the BoS Member. By signing the present letter the BoS candidate agrees to pay this Service Fee. The Service Fee will be considered an asset of the Photonics 21 AISBL in accordance with its statutes (article 12,c).*

**Prima Industrie SpA
Via Torino-Pianezza, 36
10093, Collegno (TO), Italy**

3. Name of the suggested BoS Representative (the personal candidate)

Paolo Calefati

4. Information about the BoS candidate and the BoS representative

Extract Photonics21 Terms of Reference¹: “§ 5 BOARD OF STAKEHOLDERS; ...(6) Election of BoS Members: “Description of the activities of, and information about the added value and contribution to the BoS by both the nominated BoS member and the BoS Representative”

a) Description of the activities and information about the expected contribution and value added the nominated BoS member (candidates organization) will bring to the BoS²

½ - 1 page description suggested

Prima Industrie heads a leading Group in developing, manufacturing and marketing of laser systems for industrial applications, sheet metal processing machinery, and industrial electronics and laser sources.

¹ Photonics21 Terms of reference are available at

http://www.photonics21.org/download/general_inf/TermsOfReference/ETPPhotonics21TermsOfReference.pdf

² The candidate is aware and accepts that according to the Photonics21 Terms of Reference a service agreement and a service fee invoice is to be signed / paid with the Photonics21 association.

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The parent company, Prima Industrie S.p.A., is listed on the Italian Stock Exchange since 1999 (MTA – STAR segment).

With nearly 40 years of experience, the Group has installed about 12,000 machines in more than 80 countries worldwide and is among the leading worldwide manufacturers in its market.

The Group employs over 1,800 people and has manufacturing sites in Italy (Prima Industrie S.p.A, Prima Electro S.p.A, Finn-Power Italia Srl), Finland (Finn-Power Oy), China (Prima Power Suzhou Co. Ltd.) and the US (Prima Electro North America Llc., Prima Power Laserdyne Llc.) as well as a worldwide commercial and after-sales presence.

The Prima Industrie Group is organized into three Divisions:

- **Prima Power**, developing, manufacturing and marketing laser and sheet metal working machinery: 2D and 3D laser machines, laser drilling systems, punching & combi machines and systems, bending machines.
- **Prima Electro**, developing, manufacturing and marketing embedded electronics, motion controls and CNCs, high-power laser sources.
- **Prima Additive**, laser based additive manufacturing systems for metal parts.

b) Description of the activities and information about expected contribution and value added the BoS Representative (candidate / person) will bring to the BoS.

½ - 1 page description suggested

Paolo Calefati is the Vice President Innovation of Prima Industrie Group and the General Manager of the Additive Manufacturing Division. His main role is to manage the corporate Innovation Department, including intellectual property and research & innovation strategy and to coordinate R&D Group of Prima Power (PP), Prima Electro (PE) and Prima Additive (PA), respectively the machinery, electronics & laser and additive manufacturing divisions.

The innovation is coordinated through a global network of PP, PE and PA product units: laser machine including additive manufacturing in Collegno (Italy), punching machine, software off-line and automation systems in Seinajoki (Finland), laser drilling and additive manufacturing DeD in Minneapolis (USA), Bending Machine in Cologna Veneta (Italy), Additive manufacturing PBF in Collegno, Solbiate (Italy) and Beijing (China), Laser source, electronics and CNC in Moncalieri, Barone Canavese and Checopee (USA). One of the main task is to foster business development on the basis of research and innovation results, strategic partnerships, joint labs, intellectual property protection and valorization through product development and patent/project licencing.

He built a strong National network being a co-founder of the “public-private lab” with the Polytechnic of Turin and responsible of the Additive Manufacturing joint lab.

Paolo Calefati has been one of the promoter of “Fabbrica Intelligente Piemonte” platform, becoming the coordinator of the Regional project STAMP (Sviluppo Teconologico Additive Manufacturing Piemonte) and he was elected member of the board of the Italian Cluster “Fabbrica Intelligente”.

As Prima Industrie he contributed with Italian Government, through Confindustria (Italian Industrial Association) to promote the National Agenda for Industry 4.0 and he led the foundation of a European digital regional manufacturing hub DIMA Hub based on laser technologies.

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Trusting in the value of young people in creating innovation in manufacturing, he promoted the creation of the first European Additive Manufacturing Master Degree together with Polytechnic of Turin. He developed a valuable network in Italy, but his team and he are actively working with European organizations to establish international relationships, managing several funding programs that could impact on Prima Group Products, with the focus on Industry 4.0 strategy development.

His knowledge of EU financing scheme comes from my experience as coordinator of several European large projects (FP7-H2020 collaborative projects):

- ENEPLAN: Energy efficient project planning system
- WHITER: White room based on reconfigurable robot island for optoelectronics components (laser diode multiemitters and solar cells)
- ICP4LIFE: Integrated collaborative platform for managing the product services engineering lifecycle
- BOREALIS: the 3A energy class flexible machine for new additive and subtractive manufacturing on next generation of 3D metal parts
- 4D Hybrid: Hybrid Manufacturing 3D Additive Manufacturing + subtractive manufacturing
- AVANGARD: Advanced manufacturing solutions tightly aligned with business needs
- MESOMORPH: All in one machine for hybrid technologies enabling high value added multi scale integrated micro optoelectronics

Since February 2015 Paolo was already elected for the board of stakeholders of the public private European platform Photonics21. He was also been member of the board of the European Additive Manufacturing Platform.

Paolo Calefati was one of the founder of the Italian Competence Center CIM 4.0 based in Turin and he's already in the board of this National Institution. He's also part of the scientific board of the MADE Italian competence center based in Milan.

Paolo Calefati has been heavily involved since the beginning in the proposal of the EIT (European Institute of Innovation and Technology) Manufacturing and he's one of the member of the Supervisory Board of this association.

Final information from the Photonics21 secretariat:

- *We recommend limiting the BoS nomination letter to 3-4 pages max.*
- *Letters of nominations should be submitted electronically to secretariat@photonics21.org.*
- *It is highly recommended to consult the Photonics21 Terms of Reference before submitting the nomination.*

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- *Please note that the deadline for providing BoS nominations to the Photonics21 Secretariat is **25th August 2020**.*