

# My Vision Statements for the Outreach Director Role



By actively engaging with diverse audiences and stakeholders, INCOSE can drive the advancement and recognition of systems engineering as a critical discipline in solving complex societal and technological challenges as we have stated in our vision 2035.

## ***Extensive Partnerships and Collaborations:***

I will leverage my relationship-building skills to establish extensive partnerships and collaborations, both within the Systems Engineering discipline and with other engineering organizations and associations. By fostering alliances, joint initiatives, and knowledge sharing, I will strengthen the collective impact of INCOSE and its partners. These partnerships will create opportunities for interdisciplinary collaboration, drive innovation, and amplify the influence of systems engineering and INCOSE on a global scale.

## ***Significant Geographical Growth into Developing and Under-developed Countries:***

With a strong commitment to inclusivity, I will lead INCOSE's efforts to expand its geographical footprint into developing and under-developed countries. By partnering with local organizations and academic institutions, I will facilitate knowledge transfer, provide mentorship, and offer tailored resources to foster systems engineering and INCOSE growth in these regions. This expansion will empower individuals and cultivate a global system engineering community.

## ***Growth in Non-Traditional and Non-Technical Domains:***

I will drive the growth of systems engineering in non-traditional domains such as healthcare, social systems, environmental sustainability, civil engineering, transportation, railway, automotive, etc. I will collaborate with influential non-systems engineering companies, organizations, and academic leaders to promote the integration of systems thinking and systems engineering practices. By showcasing the value and benefits of systems engineering in these domains, we will expand its reach and relevance beyond traditional boundaries.

***General Public Awareness Building:***

I will focus on raising public awareness about the importance of systems engineering. Through targeted campaigns, educational resources, and collaborations with media outlets, I will communicate the role and impact of systems engineering in solving complex societal challenges. By increasing public understanding, we can foster appreciation for the discipline, attract talent, and garner support for systems engineering initiatives.

***Source of Systems Engineering Knowledge and Professional Development:***

I will position INCOSE as the go-to source of systems engineering knowledge and professional development. Through our comprehensive online resources, webinars, and SEP certification program, I will empower systems engineering professionals to enhance their skills, stay updated with the latest trends, and achieve professional excellence. By becoming the trusted hub for systems engineering expertise, INCOSE will drive the advancement of the discipline and support the career growth of its members.

***Engagement with Undergraduate and Graduate Students:***

I will prioritize engaging with undergraduate and graduate students to cultivate the next generation of systems engineering leaders. Through partnerships with academic organizations, internships, mentorship programs, specialized educational resources, and improving our Academic Equivalency program, I will inspire and equip students with the knowledge and skills necessary for successful careers in systems engineering. By nurturing this talent pipeline, we will ensure the continued growth and future success of the discipline and INCOSE.

***New Events Models:***

I will bring my creativity and expertise to redefine our events models, delivering innovative and immersive experiences. I will create platforms that inspire knowledge sharing, foster collaboration, and attract diverse audiences.

**BIO**

Bernardo A. Delicado has been a professional systems engineer for 31 years in the aerospace and defense sector. For the first eight years he was employed by INTA, the aerospace agency of the Spanish government working on a great number of European research projects. Following that time, he spent twelve years with Airbus Defense and Space assuming a wide range of systems engineering roles with transnational responsibilities within military aircraft programs developed among the UK, France, Germany, Italy and Spain. In 2011, Bernardo moved to MBDA Missile Systems (Airbus Group), assuming the role of Engineering Director to Spain conducting a large part of his responsibilities embedded in multinational Systems Engineering teams in France and the UK. In March 2020 he joined Indra Sistemas as Director of System of Systems Engineering as part of the Future Combat Air System (FCAS) Program, a tri-national program between France, Germany and Spain. Since January 2023 he is an internal advisor in Systems Engineering to Engineering Directorate and Head of Indra Systems Engineering Faculty at Indra Engineering & Technology Campus.

Bernardo has a PhD in Interdisciplinary Engineering, M.S in Physics and a B.S in Aerospace Engineering, and is an active member of the International Council on Systems Engineering (INCOSE). Founding member of AEIS (Spanish Chapter of INCOSE) in 2012 being its President

from 2014 to 2015 ( two years ). He is an Expert Systems Engineering Professional ( ESEP ) , Systems Engineering Body of Knowledge (SEBoK) editorial board member, INCOSE Systems Engineering Handbook 5th Edition editorial team member, ISO/IEC/IEEE 15288 standard reviewer, and Complex Systems Design & Management (CSD&M) conference Organizing Committee member in France. Since 2019, Latam Chapter ( Mexico, Argentina, Colombia and Chile ) pre-start-up and start-up phases lead-coordinator on behalf of INCOSE Central ( supporting Americas Sector Director ) and currently Latam Chapter Advisory Committee member. Since 2022, Academic Equivalency Coordinator from Certification Advisory Group ( CAG ) at INCOSE Central.

Coordinator of Systems Engineering course at School of Naval Weapons Engineering from Spanish Navy ( present ), lecturer at Master in Technologies for Defense in system design at the Technical University of Madrid ( 2 years ),lecturer at Master in Flight Testing and Aircraft Certification in V&V at the Technical University of Madrid ( 5 years ), lecturer at Executive Master in Business Administration of Industrial and Technological Companies at School of Industrial Organization ( EOI ) in Systems Thinking for a creative mindset ( 2 years ). Part-time professor in engineering courses ( 14 years ), creator and Academic Deputy Director of the Master of Engineering in Aircraft Systems Integration ( 4 years ) sponsored by Airbus Group to develop Airbus newcomers and employees at Carlos III University of Madrid.