NEXT GENERATION INTERNET

Innovators shaping the next generation internet
The Early Adopters Club

Trust-IT Services

Paolo Lombardi, Silvana Muscella,
Sara Pittonet, Stephanie Parker,
Cristina Mancarella

About the Next Generation Internet

The Next Generation Internet (NGI) initiative, launched by the European Commission in the autumn of 2016, aims to shape the future internet as an interoperable platform ecosystem that embodies the values that Europe holds dear: openness, inclusivity, transparency, privacy, cooperation, and protection of data. The NGI will drive this technological revolution and ensure the progressive adoption of advanced concepts and methodologies spanning the domains of artificial intelligence, Internet of Things, interactive technologies and more, while contributing to making the future internet more human-centric.

This ambitious vision requires the involvement of the best Internet researchers and innovators to address technological opportunities arising from cross-links and advances in research fields ranging from network infrastructures to platforms, and application domains to social innovation.

About the Early Adopters Club

This Club embraces the digital technological revolution brought by the disruptive development of blockchain, artificial intelligence, immersive technologies, among others.

Below you can find innovators that champion NGI values, whether at the national or local policy level, including civil society groups, start-ups, SMEs, research institutes and innovation hubs across Europe.

Innovators on the US-side, sharing the vision of NGI mission are also welcome, in view of the EU-US call ICT-31 2019.

Who is it for?

The Early Adopters Club celebrates innovators that champion NGI values, also at the national or local policy level, including civil society groups. It is a showcase of best practices that help European businesses, citizens and civil society benefit from disruptive technologies based on NGI values.

The Early Adopters' Club is for internet innovators from start-ups, SMEs, research institutes and innovation hubs across Europe. It is also for civil society representatives that work towards achieving an open and inclusive internet. Local, national and European initiatives can also apply. Meet them all here.

Why join?

› Position yourself as an NGI internet innovator by joining the Early Adopters Club.
› Maximise your visibility and access opportunities for future collaboration, open calls and grants on the next generation internet as the main driver of societal transformations.
› Showcase your best practices for free.
› Get a prime position place in future workshops.

How to Join

Applicants must demonstrate they meet one or more of the NGI-related technologies and values, and come from the targeted stakeholder categories.

Apply now for the NGI Early Adopters Club for Internet Innovators- visit the NGI website:
consultation.ngi.eu/early-adopters-club

NEXT GENERATION INTERNET

Meet the innovators that champion NGI values »

Mazlan Abbas

Country: Malaysia

LinkedIn Profile: /in/mazlan/

Organisation: FAVORIOT

Organisation type: Small Medium Enterprise

LinkedIn profile: /company/favoriot/

Organization Overview:

We are an Internet of Things (IoT) Startup with a mission to build long term relationships with our customers and clients and provide exceptional customer solutions by pursuing business through innovation and advanced technology in Internet of Things (IoT).

Championing the following NGI values:

› Human-centric. Citizen co-design. Participatory. Communities using environmentally-friendly and sustainable resources, e.g. energy
› New applications and services across industry verticals and public sector. Socio-economic impacts
› Innovations for creativity, culture, education and research

NGI solution(s) adopted by the organization:

Our product comprised of RAQIB (Monitoring health and safety of an individual), FAVORSENSE (Building Smart Cities and Communities through the eyes of the Citizens), FAVORIOT IoT Platform (Creating IoT Ecosystems)

favoriot

Manolo Abrignani

Country: Italy
LinkedIn Profile: /in/abrignani/

Organisation: Imprese Abrignani
Organisation type: Other
Organization Overview:

Start-up, Futures Studies, Glocalist, member of communities.

Championing the following NGI values:

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› Interoperability and standardisation. Interoperability testing. Key enabling technologies: 5G, IoT, cloud, big data, cyber security
› Innovations for creativity, culture, education and research
› Clusters and hubs on NGI-related technologies. Small business opportunities. Research spinouts

NGI solution(s) adopted by the organization:

I advise companies and organization about what they might choose for their next arrays of futures.

Hanni Abu

Country: United States

**LinkedIn Profile**: /in/hanni-abu-21731525/

Organisation: Blocknet

Organisation type: IT Consultancy/Development

LinkedIn profile: /company/blocknet/

Organization Overview:

Blocknet is an open-sourced, community governed, community developed blockchain interoperability protocol that enables interaction and communication between different blockchains, allowing for the creation of the first multi-chain architectures.
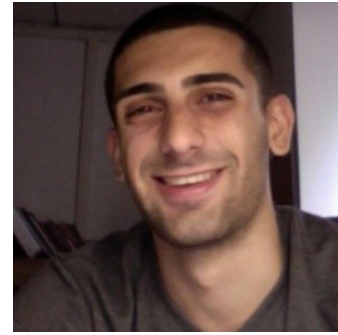
Championing the following NGI values:

› Security-by-design approaches. Trust models. Cyber security best practices

› Interoperability and standardisation. Interoperability testing. Key enabling technologies: 5G, IoT, cloud, big data, cyber security

NGI solution(s) adopted by the organization:

Blocknet is creating an interoperability protocol for blockchains to communicate without compromising decentralization or trust. It is infrastructure to power the decentralized world similar to how the internet powers communication as we know it today.

Alexey Anshakov

Country: United Kingdom
LinkedIn Profile: /in/alexeyanshakov/
Professional title: CEO/Managing Director, webRunes

Organization: webRunes
Organisation type: IT Consultancy/Development
LinkedIn Profile: /company/webrunes/
Organisation overview:

We are the first ad hoc team of freelancers specializing in various IT fields and other areas of expertise that are developing WRIO Internet OS platform. WRIO Internet OS is a gateway to a semantic, decentralized and secure Internet. The platform is required for the technical implementation of The Alternative — a set of projects aimed at the development of a free self-managed society, an alternative approach to the interaction of people with minimal or even without participation of the government.

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› Security-by-design approaches. Trust models. Cyber security best practices
› New applications and services across industry verticals and public sector. Socio-economic impacts
› Innovations for creativity, culture, education and research (also NGI Award winners)
› Clusters and hubs on NGI-related technologies. Small business opportunities. Research spinouts
› Interoperability and standardisation. Interoperability testing. Key enabling technologies: 5G, IoT, cloud, big data, cyber security.

Danilo Ardagna

Country: Italy
LinkedIn Profile: /in/danilo-ardagna-1070505/

Organisation: Politecnico di Milano
Organisation type: Academia/Research
LinkedIn Profile: /school/polimi/
Championing the following NGI values:

· Clusters and hubs on NGI-related technologies. Small business opportunities. Research spinouts

· New applications and services across industry verticals and public sector. Socio-economic impacts

POLITECNICO
MILANO 1863

Luigi Assom

Country: Italy
LinkedIn Profile: /in/luigiassom/
Professional title: CEO/Managing Director, Nifty.Works

Organisation: Nifty.Works
Organisation type: IT Consultancy/Development
LinkedIn Profile: /company/nifty-works/

Organisation overview:

Nifty.works offers maps for knowledge landscapes, knowledge discovery platforms to find learning paths in between of multi-disciplinary areas, starting from what is familiar to you. We are interested in partners in blockchain, art and museums, and applied artificial intelligence.

› We help business, academia and public sector offering business intelligence solutions for designing strategy, making decisions, learning and development, data-visualisation.

› We differentiate by enabling knowledge discovery also for people with entry level expertise - mixing design thinking and user experience applied to network science and AI.

› We aim to accelerate innovation by enabling overview the context of things, and to predict how knowledge networks evolve in time and democratise access to premium knowledge domains, and encourage innovation networks by rewarding value extraction from data and by enhancing accountability of shared expertise.

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› Innovations for creativity, culture, education and research (also NGI Award winners)

NGI solution(s) adopted by the organisation:

› Nifty.works builds knowledge discovery platforms to support business intelligence, research and information discovery.

› We offer human-centred design approaches atop of network science, which can easily be integrated with AI layers and blockchain.

Mohamad Hasan Bahari

Country: Belgium

LinkedIn Profile: /in/mohamad-hasan-bahari-2233b629/

Organisation: Sensifai

Organisation type: Small Medium Enterprise

LinkedIn Profile: /company/sensifai/

Organisation overview:

Hasan is the CEO and co-founder of Sensifai (Selected as Europe's top 50 startups in 2017), which develops a software that enables computers to understand the video contents. He also serves as an expert in the European Commission. Hasan was a Marie-Curie fellow and accomplished his Ph.D. in engineering at KU Leuven in collaboration with Massachusetts Institute of Technology (MIT) in 2014. He was a postdoctoral research scientist at KU Leuven during 2014-2016. He was involved in several international projects on audio and image processing, such as Handicams and BBfor2 and his research on automatic speaker characterisation has been awarded by the International Speech Communication Association (ISCA) at INTERSPEECH 2012. He has served as a technical committee member in several conferences, and as a reviewer for several top journals of the field. Hasan was recognized as top ten Belgian talents by MIT Technology Review in 2017.

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NGI solution(s) adopted by the organization:

Sensifai offer video/image/audio recognition on the device, e.g. mobile phone, laptops and tablets. This technology is similar to that of Amazon Alexa or Apple SIRI while requiring no cloud processing of sensitive and private data of the users because we developed a technology that processes all the data locally in the device. Then the user can store the image/video/audio data after the encryption on the cloud or use a peer2peer technology to transfer it somewhere of interest.

Davide Balbi

Country: Italy
LinkedIn Profile: /in/davide-balbi-24909211/

Organisation: ImpattoZero srl
Organisation type: Small Medium Enterprise
LinkedIn Profile: /company /agricoltura2punto0/?originalSubdomain=it
Organization Overview:

The Agriculture 2.0 project is based on four pillars:

1) Food security: Cultivation with the technique off the aquaponic soil, 100% organic with cultivation materials superior to organic farming. (Food Plastics) Without blasting engines, fertilizers, pesticides)

2) Food sovereignty: Our goal is to enable the final customer (B2B / B2C) to choose from an existing biodiversity catalog a farming on demand,

3) Short chain: Growing in populated areas, dismantled warehouses, roofs, greenhouses as well as in enclosed spaces allows the modern technology to have 100% organic crops close to consumers.

4) Low carbon footprint: -90% water waste, no burst engine, no chemical, renewable energy and energy efficiency.

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NGI solution(s) adopted by the organization:

We are using IoT in order to manage ecosystems.

Matevž Baškovč,

Country: Slovenia
LinkedIn Profile: /in/matevz-baskovc/
Professional title: COO, ETOS Solution

Organisation: ETOS Solution
Organisation type: Small and Medium Enterprise
LinkedIn Profile: /company/etos-smart-solutions/
Organisation overview:

ETOS Solutions is providing answers to the challenges of digitalizing buildings and complex infrastructures – and to the transformation of building management and the world of energy. Our solutions are turning these challenges into new opportunities and business models. We develop digital interfaces and through system integration create tailored, problem-fit Smart Buildings & Smart Facility Solutions for future Smart Cities through data interoperability, standardisation and usage of new technology (IoT, blockchain, 5G, cloud and big data).

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› Innovations for creativity, culture, education and research

Marc-Elian Bégin

Country: Switzerland
LinkedIn Profile: /in/mebster/

Organisation: SixSq
Organisation type: Small Medium Enterprise
LinkedIn Profile: /company/sixsq/
Organisation Overview:

SixSq provides cloud neutral solutions which allow companies and institutions to benefit from cloud computing while avoiding lock-in. Its smart cloud-in-a-box appliance, NuvlaBox®, is a simple plug & play edge solution which provides customers with a private cloud at an affordable price as well as playing an intrinsic part of smart city and IoT strategies. SixSq's smart multi-cloud and hybrid-cloud management platform, Nuvla®, offers containerized application deployment from a single, simple dashboard. SixSq's active participation in numerous international cloud initiatives has solidified its reputation as a leading European cloud and edge computing expert. The team, which consists of highly skilled software engineers, developers and system administrators from many different countries, is based in Geneva, Switzerland, and embraces the Swiss ideals of excellence, innovation and precision. For more information, please visit sixsq.com.

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› New applications and services across industry verticals and public sector. Socio-economic impacts
› Clusters and hubs on NGI-related technologies. Small business opportunities. Research spinouts

Daveed Benjamin

Country: United States

LinkedIn Profile: /in/meliaspapa/

Professional title: CEO/Managing Director/Chief Executive, Bridgit, S.P.C.

Organisation: Bridgit, S.P.C.

Organisation type: IT Consultancy/Development

LinkedIn Profile: /company/bridgit-io/

Organisation overview:

We bring light to the shadows by decentralizing knowledge, linking, and the page experience. We are developing a human-AI trained fake news detection tool and truthiness score that aggregates all the publicly available information about the facts. Our goal is to reduce the average response time to false news from 13 hours to minutes utilizing Frontier technologies including distributed ledger technology, machine learning, and extended reality.

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› Innovations for creativity, culture, education and research (also NGI Award winners)
› Clusters and hubs on NGI-related technologies. Small business opportunities. Research spinouts
› Women innovators in the NGI space. Key enabling technologies: 5G, IoT, cloud, big data, cyber security

NGI solution(s) adopted by the organisation:

› Distributed Ledger Technology – Holochain
› Artificial Intelligence
› Browser overlay technology
› VR/AR/XR
› Self-sovereign identifies

Peter Bihr

Country: Germany
LinkedIn Profile: /in/pbihr/

Organisation: The Waving Cat
Organisation type: Small Medium Enterprise
Organisation Overview:

Peter Bihr explores the impact of emerging technologies, and how to put them to work responsibly and for the public good. Peter is the founder and Managing Director of The Waving Cat, a boutique research, strategy & foresight company where he explores impact and opportunities of emerging technologies—especially Internet of Things (#iot). As an advisor, he helps organizations excel in an environment shaped by digitization, connectedness and rapid change.

Peter co-founded and chairs the board of ThingsCon e.V., a global community & event platform for IoT practitioners that fosters the creation of a human-centric & responsible Internet of Things. He has co-founded many acclaimed emerging technology conferences including ThingsCon, UIKonf and Cognitive Cities Conference, and curated leading conferences including Interaction (2016), NEXT (2012-15), and TEDxKreuzberg (2009-10).

Peter is a Mozilla Fellow (2018-19), and the author of View Source: Shenzhen and Understanding the Connected Home (with Michelle Thorne). He has provided research and policy recommendations to governments and global tech companies, supported automotive clients with R&D strategy, and helped organizations embrace innovation opportunities as an external radar and sparring partner.

His projects, thoughts and other antics have been featured in Forbes, New York Times, SPIEGEL, The Guardian, ZDF, ZEIT and many others. His work has been exhibited at London Design Festival, the V&A and Fuori Salone. Postscapes named him a Top 100 Influencer in IoT. He blogs at thewavingcat.com

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› Security-by-design approaches. Trust models. Cyber security best practices
› Innovations for creativity, culture, education and research

Fabio Bonomo

Country: Italy
LinkedIn Profile: /in/fabiobonomo/

Organisation: qbrobotics srl
Organisation type: Small Medium Enterprise
LinkedIn Profile: /company/qbrobotics/
Championing the following NGI values:

› Innovations for creativity, culture, education and research

Chiara Bresciani

Country: Italy
LinkedIn Profile: /in/chiara-bresciani-2358b912/
Professional title: Programme Manager, Comune di Milano

Organisation: Comune di Milano
Organisation type: Government/Public Services
LinkedIn Profile: /company/comune-di-milano/about/

Championing the following NGI values:

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› Innovations for creativity, culture, education and research (also NGI Award winners)

NGI solution(s) used by your organisation:

The Digital Transformation Plan of Milan is focused on Infrastructures, Services, Digital Education and Digital Skills. 4 years ago, Milan has implemented an interoperability platform and the city is working to pass from a vertical to a horizontal approach to data and services. In 2017 the city had 852 servers, 201 applications (including the portal system, the geo-portal, CRM, interoperability platform, API catalogue, and business intelligence) and 185 DB.

Sam Butler

Country: United States

Professional title: Programme Manager/Project Manager, Bridgit, S.P.C.

Organisation: Bridgit, S.P.C.

Organisation type: IT Consultancy/Development

LinkedIn Profile: /company/bridgit-io/

Organisation overview:

We bring light to the shadows by decentralizing knowledge, linking, and the page experience. We are developing a human-AI trained fake news detection tool and truthiness score that aggregates all the publicly available information about the facts. Our goal is to reduce the average response time to false news from 13 hours to minutes utilizing Frontier technologies including distributed ledger technology, machine learning, and extended reality.

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› New applications and services across industry verticals and public sector. Socio-economic impacts
› Innovations for creativity, culture, education and research (also NGI Award winners)
› Clusters and hubs on NGI-related technologies. Small business opportunities. Research spinouts
› Women innovators in the NGI space

NGI solution(s) adopted by the organisation:

› Distributed Ledger Technology – Holochain
› Artificial Intelligence
› Browser overlay technology
› VR/AR/XR
› Self-sovereign identifies

Scott Cadzow

Country: UK

LinkedIn Profile: /in/scott-cadzow-5243a1/

Organisation: C3L (Cadzow Communications Consulting Ltd)

Organisation type: IT Consultancy / Development

LinkedIn Profile:
https://www.linkedin.com/company/c3l/about/

Organisation Overview:

Cadzow Communications Consulting Ltd (www.cadzow. com) is a privately owned consulting company with specialism in standards development to address privacy protection and security protocols and algrorithms in communications networks and distributed systems.

Championing the following NGI values:

Human-centric. Citizen co-design. Participatory. Communities using environmentally-friendly and sustainable resources, e.g. energy

Privacy-by-design approaches. Privacy-aware tools

Security-by-design approaches. Trust models. Cyber security best practices

Interoperability and standardisation. Interoperability testing. Key enabling technologies: 5G, IoT, cloud, big data, cyber security

Jiri Cermak

Country: Czech Republic
LinkedIn profile: /in/jiricermak1/

Organisation: Neuron soundware.
Organisation type: IT Consultancy/Development
LinkedIn Profile: /company/aeronmatch/about/
Organisation overview:

Neuron soundware develops and sells AI- and IoT- based acoustic detection services to corporate clients.

Championing the following NGI values:

› New applications and services across industry verticals and public sector. Socio-economic impacts

Nicolas Christiaen

Country: Belgium

LinkedIn Profile: /in/nicolas-christiaen-783b307/

Professional title: CEO/Managing Director/Chief Executive, CashForce

Organisation: CashForce

Organisation type: Small and Medium Enterprise

LinkedIn Profile: /company/cashforce/

Organisation overview:

As a 'next-generation' Cash management solution, Cashforce helps finance/treasury departments save time and money by offering accurate cash flow forecasting, flexible treasury reporting & automation. We do so by modelling new technologies in the likes of Artificial Intelligence and Big Data. This way treasury departments in all kinds of different sectors are able to make wiser decisions and be better prepared for the future. On top of that, our foundation is security-by-design as we deal with private scattered data. Security and privacy are our highest priority.

Championing the following NGI values:

› Privacy-by-design approaches. Privacy-aware tools
› Security-by-design approaches. Trust models. Cyber security best practices
› Data, cyber security
› New applications and services across industry verticals and public sector. Socio-economic impacts
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NGI solution(s) adopted by the organisation:

At Cashforce we strive for the best security and technology. We firmly believe in the process where we listen to the challenges of our clients. This includes a secure software development platform with focus on security & innovation.

Besides that, we access the consultation of experts when needed and make use of the NGI Consultation Platform Summaries, and will continue to do so in the future as we aim to become NGI experts.

Nicola Ciulli

Country: Italy

LinkedIn Profile: /in/nicola-ciulli-832350/

Organisation: Nextworks

Organisation type: Small Medium Enterprise

LinkedIn Profile:
/company/nextworks-s.r.l./?originalSubdomain=it/
company/agricoltura2punto0/?originalSubdomain=it

Organisation Overview:

Nextworks aims to provide cutting-edge solutions fully tailored to their customer's needs.

Championing the following NGI values:

› Security-by-design approaches. Trust models. Cyber security best practices
› Interoperability and standardisation. Interoperability testing. Key enabling technologies: 5G, IoT, cloud, big data, cyber security
› New applications and services across industry verticals and public sector. Socio-economic impacts

Soumya Kanti Datta

Country: Estonia

LinkedIn Profile: /in/soumya-kanti-datta-0907133b/detail/photo/

Organisation: Digiotouch OU

Organisation type: Small Medium Enterprise

Organisation Overview:

Digiotouch is pioneering Digital First strategies based on - (i) control over sharing of personal data, (ii) Cybersecurity by design in business cases, (iii) human-centric design and solutions, (iv) open data for NGI, and (v) new application and services for healthcare, mobility, logistics, and smart cities.

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› New applications and services across industry verticals and public sector. Socio-economic impacts

Chris Dawe

Country: Netherlands

LinkedIn Profile: /in/chris-r-dawe-b79217151/

Professional title: CEO/Managing Director/Chief Executive, Effect.AI

Organisation: Effect.AI

Organisation type: IT Consultancy/Development

LinkedIn Profile: /company/effectai/

Organisation overview:

Effect.AI is a Decentralised Artificial Intelligence and Machine Learning development service provider. Effect.AI's first product, Effect Force, brings a global Decentralised workforce on-demand to annotate large quantities of data for any organisation to great high-quality training data for their ML models. The second phase of the Effect.AI project will see a decentralised marketplace for AI algorithms and related services. Effcet.AI is currently working with the UNDP in Tbilisi Georgia to help bring 1000's of online jobs to the county using their product Effect Force.

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EFFECT.AI

Peter-Paul De Leeuw

Country: Netherlands
LinkedIn Profile: /in/peterpaul-deleeuw/

Organisation: AmberScript
Organisation type: Small Medium Enterprise
LinkedIn Profile: /company/amberscript/
Organisation Overview:

We are bridging the gap in speech recognition between USA/China and Europe. We are creating automatic speech to text engines specifically for European languages, resulting in the highest market accuracies. Training them to a specific use case can make them even more accurate, as what is achieved by our public case of our political engine in Dutch for the deaf and hard hearing.

Aside from delivering these speeches to text engines through an API, we are offering a transcription product and a subtitle product, with which it is very easy to create a transcript or text which is perfected by humans, using the automated output as a basis. This saves a lot of time.

Championing the following NGI values:

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› Clusters and hubs on NGI-related technologies. Small business opportunities. Research spinouts

Gianluca Dianese

Country: Germany

LinkedIn Profile: /in/gianlucadianese/

Professional title: Advisor/Consultant, Detecon International GmbH

Organisation: Detecon International GmbH

Organisation type: IT Consultancy/Development

LinkedIn Profile: /company/detecon-international-gmbh/

Organisation overview:

Detecon International GmbH is a leading technology management consultancy from Germany. With our technological expertise and our implementation strength, we are actively engaged in helping our customers shaping digital change in their organisations.

Championing the following NGI values:

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NGI solution(s) adopted by the organisation:

Our global footprint, strong relationships with academia, direct involvement in research through our research and engineering centers and the strong commitment and engagement in forums, communities and bodies involved in regulating and standardizing digital themes, are assets we leverage on when engaging on innovation domains and supporting transformational change

Alan Dormer

Country: Ireland (Republic)

LinkedIn Profile: /in/alan-dormer-25b31268/

Professional title: CEO/Managing Director/Chief Executive, Black Bear Software

Organisation: Black Bear Software

Organisation type: Small and Medium Enterprise

LinkedIn Profile: /company/black-bear-software/about/

Organisation overview:

Our dashboard provides instant overview on the location and health of all your assets and work environments.

› Accessible from any connected device. Complete visibility and traceability of all assets.
› Create and manage reports and notifications.
› Easily query, manage or share all data.

We believe in options, so we built our infrastructure to be sensor agnostic – BLE, FRID, NFC, temperature, vibration; whatever your needs we've got you covered.

Championing the following NGI values:

› Security-by-design approaches. Trust models. Cyber security best practices

Alessandro Falcone

Country: Italy

LinkedIn Profile: /in/alessandrofalcone/

Organisation: WPWEB

Organisation type: Small Medium Enterprise

LinkedIn Profile: /company/wpweb/
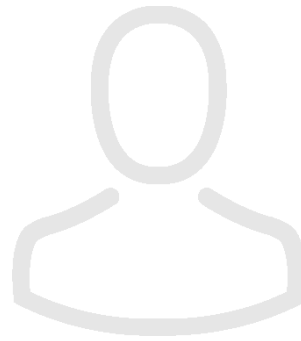
Organisation Overview:

WpWeb was born in 1997 from a group of professionals with a tangible experience in the domains of ICT, marketing and web application development and is located in Turin's Environment Park.

Innovating means believing every day in your ideas and keeping the pace with modern technologies, by experimenting and discovering new application domains.

For this reason, WpWeb is always expanding in new areas and recently started dealing with research project in IoT (Internet of Things) and robotics.

Championing the following NGI values:

› Control over personal data. Value extraction from protected personal data
› Privacy-by-design approaches. Privacy-aware tools
› Security-by-design approaches. Trust models. Cyber security best practices
› Interoperability and standardisation. Interoperability testing. Key enabling technologies: 5G, IoT, cloud, big data, cyber security

Omar Fogliadini

Country: Switzerland
LinkedIn Profile: /in/omarfogliadini/

Organisation: LIFEdata.AI
Organisation type: IT Consultancy / Development
LinkedIn Profile: /company/lifedata-conversational-ai/
Organisation Overview:

Our mission is to turn any Organisation into a thinking business.

By embedding a cognitive system that autonomously understands and reasons at scale on dark data generated by people and things, each Organisation can make the most of its unique competitive advantage.

We transform businesses by shaping the way people interact with them. We specialize in Omnichannel AI solutions for Online-to-Offline (O2O) and Online-merging-Offline (OMO) via the IoT, to help you grow your business and cut costs by enabling the adoption of the latest innovations in Experience Design, Data Science and Artificial Intelligence.

Championing the following NGI values:

› Human-centric. Citizen co-design. Participatory. Communities using environmentally-friendly and sustainable resources, e.g. energy
› Control over personal data. Value extraction from protected personal data
› Privacy-by-design approaches. Privacy-aware tools
› Security-by-design approaches. Trust models. Cyber security best practices
› Interoperability and standardisation. Interoperability testing. Key enabling technologies: 5G, IoT, cloud, big data, cyber security

Pierre Garrigues

Country: United States

LinkedIn Profile: /in/pierre-garrigues/

Organisation: CARFIT

Organisation type: Small Medium Enterprise

LinkedIn Profile: /company/carfit-corp./

Organisation Overview:

CARFIT is the AI based technology that reads car vibration to make maintenance easier and mobilitysafer.

Championing the following NGI values:

Privacy-by-design approaches. Privacy-aware tools

NGI solution(s) adopted by the Organisation:

CARFIT reads car vibration to understand usage and anticipate maintenance needs.

Stefano Giordano

Country: Italy
LinkedIn Profile: /in/stefano-giordano-6414758/

Organisation: University of Pisa
Organisation type: Academia/Research
LinkedIn Profile: /school/university-of-pisa/
Organisation Overview:

The University of Pisa, formally established in 1343, is one of the oldest universities in the world and it has been extraordinarily successful in updating its structures and human resources in order to meet the new challenges of international research and education at the highest level.

Championing the following NGI values:

Innovations for creativity, culture, education and research

Dhruv Ghulati

Country: UK
LinkedIn Profile: /in/dhruvghulati/

Organisation: Factmata
Organisation type: Small Medium Enterprise
LinkedIn Profile: /company/factmata
Organisation Overview:

Factmata is building a system which provides a universal credit score for the safety and trustworthiness of online media. It does this by building an automated classification system for the language in a piece of content, providing a label of whether it might be biased, propagandist, or offensive, as well as in future factually correct.

Championing the following NGI values:

New applications and services across industry verticals and public sector. Socio-economic impacts

Eduard Grasa

Country: Spain
LinkedIn Profile: /in/eduard-grasa-2aa97b8/
Professional title: Research/Scientist, Fundacio i2CAT

Organisation: i2CAT
Organisation type: Academia/Research
LinkedIn Profile: /company/i2cat-foundation/
Organisation overview:

i2CAT Foundation (www.i2cat.net) is a non-profit research and innovation centre which promotes mission-oriented R+D+i activities on advanced Internet architectures, applications and services. The centre stands up for a new open innovation framework, fostering the collaboration between companies, public administration, the academic environment and end-users.

i2cat is a mission-oriented research centre. Our goal is to develop advanced Internet technologies to the benefit of government, companies and citizens of Catalonia and the rest of the world. In cooperation with these partners, our research and innovation units want to produce technologies and solutions with the aim of converting Catalonia into a leading global smart region in a Smart Europe, with a flourishing added-value economy and an innovative society.

Championing the following NGI values:

› Security-by-design approaches. Trust models. Cyber security best practices
› Interoperability and standardisation. Interoperability testing. Key enabling technologies: 5G, IoT, cloud, big data, cyber security

NGI solution(s) adopted by the organisation:

i2CAT has a wide experience in multiple national and European R+D+i projects, leading research lines in new fixed & mobile network architectures, wireless sensor networks, and content-based multimedia technologies, with the aim to develop new products, services and applications in the fields of eHealth, Smart Cities & Smart Regions, Advanced Manufacturing and Culture/Creativity.

Honorata Hafke-Dys

Country: Poland
LinkedIn Profile: /in/honorata-hafke-dys-3a8028116/

Organisation: StethoMe
Organisation type: Small Medium Enterprise
LinkedIn Profile: /company/stethome/
Organisation Overview:

Cough, a runny nose, a fever… Are you worried about the health of someone in your family? Should you go to the GP? Maybe it is enough to call the doctor? But how is the physician going to remotely check your lungs and heart?

We have the solution! StethoMe® makes the lungs and heart sound analysis objective and precise. Just take the StethoMe® - the wireless stethoscope working together with a smartphone app. It enables the auscultation of a patient's lungs and heart. The recorded sounds are sent to the StethoMe®AI where they are analyzed by AI algorithms. Patients receive instant information about registered abnormalities and doctors receive detailed results of examination with AI predictions. It decreases inaccuracy, reduces the number of unnecessary visits, saves money and time.

Championing the following NGI values:

› Human-centric. Citizen co-design. Participatory. Communities using environmentally-friendly and sustainable resources, e.g. energy
› Innovations for creativity, culture, education and research
› Women innovators in the NGI space

Loha Hashimy

Country: Spain
LinkedIn Profile: /in/loha-hashimy-7a1ba3125/

Organisation: Knowledge Innovation Market
Organisation type: IT Consultancy / Development
LinkedIn Profile:
/company/knowledge-innovation-market-kim-/

Organisation Overview:

KIMbcn is a company, which was created in order to add technological value to the companies and institutions. KIMbcn offers global solutions to the technology innovation needs, following every step of the value chain: from the research to the commercialization phase, going through the development and the protection. KIMbcn offers a wide range of services based on a rigorous and personalized treatment oriented to results, with the aim of implementing and diagnosing strategies for the valuation and commercialization of technologies.

Championing the following NGI values:

› Interoperability and standardisation. Interoperability testing. Key enabling technologies: 5G, IoT, cloud, big data, cyber security
› New applications and services across industry verticals and public sector. Socio-economic impacts
› Innovations for creativity, culture, education and research
› Clusters and hubs on NGI-related technologies. Small business opportunities. Research spinouts

Kim

Knowledge innovation market

Clive Haworth

Country: UK
LinkedIn Profile: /in/clive-haworth

Organisation: Robots in Schools Ltd

Organisation type: Small Medium Enterprise

LinkedIn Profile: /company/robots-in-schools/about/

Organisation Overview:

We are passionate about helping teach kids to code...

Nothing fascinates like a humanoid robot. Edbot turns that fascination into a powerful and practical teaching tool. Our standards based approach enables kids to code Edbot in Scratch, moving on to Python and more sophisticated languages as their knowledge grows. We now support 6 coding languages with more to follow. We run on a host of platforms including Windows, Mac, Linux, Android, Chromebook with iPad in the pipeline. We recently announced support for the new Scratch 3.0 from MIT Media Labs which demonstrates our commitment to following standards.

Championing the following NGI values:

› Interoperability and standardisation. Interoperability testing. Key enabling technologies: 5G, IoT, cloud, big data, cyber security
› New applications and services across industry verticals and public sector. Socio-economic impacts
› Innovations for creativity, culture, education and research

NGI solution(s) adopted by the Organisation:

We make use of NGI trechnologies:

› Node.js Web containers
› WebSocket underlying realtime communications
› Web Bluetooth
› Web Speech / Voice assistant technologies
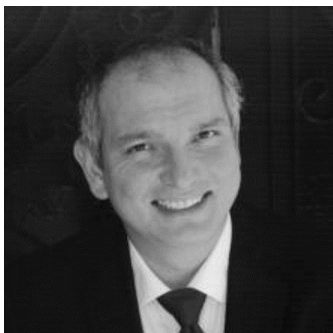
George Ioannidis

Country: United Kingdom
LinkedIn Profile: /in/igeorge/?originalSubdomain=it
Professional title: CEO/Managing Director/Chief Executive, IN2

Organisation: IN2 Group
Organisation type: Small and Medium Enterprise
LinkedIn Profile: /company/in2/
Organisation overview:

IN2 Group is leading provider of IT services for public and private sector in Croatia. The Croatian IT market recognises us by development projects that include complex and long-term solutions, set high standards of execution, and which make a great amount of resources available. We have been continually investing into the implementation of new technologies, offering a rich portfolio of solutions adapted to the needs and requirements of users.

Championing the following NGI values:

› Human-centric. Citizen co-design. Participatory. Communities using environmentally-friendly and sustainable resources, e.g. energy
› Control over personal data. Value extraction from protected personal data
› Privacy-by-design approaches. Privacy-aware tools
› Security-by-design approaches. Trust models. Cyber security best practices
› New applications and services across industry verticals and public sector. Socio-economic impacts

Antonio Jara

Country: Spain

LinkedIn Profile: /in/antonio-j-jara-468a135/

Professional title: CEO/Managing Director/Chief Executive, HOP Ubiquitous

Organisation: HOP Ubiquitous

Organisation type: Small and Medium Enterprise

LinkedIn Profile: /company/hop-ubiquitous/

Organisation overview:

HOP Ubiquitous, S.L. (HOPU) is a SME established in Spain. HOPU is focused on research and develop-ment of networks protocols, IoT management, IoT security and final Internet of Things solutions. HOPU is specialized in applying their IoT management, security and networking protocols over an IoT platform called Homard (https://homard.hopu.eu/). Homard is being used and integrated for final customers by companies such as Fujitsu (RunMyProcess), FIWARE and Microsoft (Azure IoT Suite).

Championing the following NGI values:

› Human-centric. Citizen co-design. Participatory. Communities using environmentally-friendly and sustainable resources, e.g. energy

› Interoperability and standardisation. Interoperability testing. Key enabling technologies: 5G, IoT, cloud, big data, cyber security

NGI solution(s) adopted by the organisation:

HOP Ubiquitous has created Smart POI, an immersive communication channel based on IoT for events, tourist destinations… that allows geolocalized and personalized content for users. This solution consists of an IoT device, called Smart Spot, which allows a push notification via Bluetooth and WiFi to be sent to the user's smartphone which gives access to a Web App on the POIs where videos, photos can be viewed without the need to install any application.

Helen Khailova-Horash

Country: Ukraine

LinkedIn Profile: /in/helen-khailova-prof1/

Organisation: MobiDev

Organisation type: IT Consultancy / Development

LinkedIn Profile: /company/mobidev/

Organisation Overview:

MobiDev is a software development company that creates complex business-driven solutions, with a focus on innovation and transparency of actions, guaranteed product delivery, and ongoing evolution.

Championing the following NGI values:

› Human-centric. Citizen co-design. Participatory. Communities using environmentally-friendly and sustainable resources, e.g. energy
› Control over personal data. Value extraction from protected personal data
› Privacy-by-design approaches. Privacy-aware tools
› New applications and services across industry verticals and public sector. Socio-economic impacts
› Innovations for creativity, culture, education and research
› Women innovators in the NGI space

Juri Kirpu

Country: Germany
LinkedIn Profile: /in/jurikirpu/

Organisation: Dataiku
Organisation type: Small Medium Enterprise
LinkedIn Profile: /company/dataiku/
Organisation Overview:

Dataiku develops the unique advanced analytics/Data Science software solution that enables companies to build and deliver their own data products more efficiently. Thanks to a collaborative and team-based user interface for data scientists and beginner analysts, to a unified framework for both development and deployment of data projects, and to immediate access to all the features and tools required to design data products from scratch, customers such as AXA, L'Oreal, Bechtel, Webbmason, Urban Insights, and many more easily apply machine learning and data science techniques to all types, sizes, and formats of raw data to build and deploy predictive data flows.

Championing the following NGI values:

› Control over personal data. Value extraction from protected personal data
› New applications and services across industry verticals and public sector. Socio-economic impacts
› Innovations for creativity, culture, education and research

Johannes Klinglmayr

Country: Austria

LinkedIn Profile: /in/johannes-klinglmayr-57442410/

Professional title: Programme Manager/Project Manager, Linz Centre of Mechatronics GmbH (LCM)

Organisation: Linz Centre of Mechatronics GmbH (LCM)

Organisation type: Academia/Research

LinkedIn Profile: /company/linz-center-of-mechatronics

Organisation overview:

LCM - the Linz Center of Mechatronics GmbH is a non-university research organisation that operates in connecting the real with the digital world. In this context we simulate and optimize production design processes and digitize real world assessments. We explore and support innovation by harnessing added value creation through transdisciplinary combination and connection of tools and solutions.

Championing the following NGI values:

› Human-centric. Citizen co-design. Participatory. Communities using environmentally-friendly and sustainable resources, e.g. energy

› New applications and services across industry verticals and public sector. Socio-economic impacts

› Innovations for creativity, culture, education and research (also NGI Award winners)

› Interoperability and standardisation. Interoperability testing. Key enabling technologies: 5G, IoT, cloud, big data, cyber security

NGI solution(s) adopted by the organisation:

1. LCM coordinates the ASSET EU-project. The project pioneered a new form of product information system for consumer in the supermarket. Via a smartphone application consumer can enter their personal preferences regarding, environment, social or health issues, and then obtain a compact overview how the products (in front of them) fits these preferences. We tested the solution in retail-stores and aim at expanding and improving the approach with new partners and retailers.

You find the project description here: www.asset-consumerism.eu

2. At LCM we aim at pioneering a new form of citizen empowerment by enabling users to utilize specific expert

knowledge without the need of expert related abilities. The tool to be developed, calls for and integrate results from divers' disciplines, academia, industry or social contributions.

We build this tool upon LCM's SyMSpace platform and iteratively extend the tool with small research projects and diverse partners.
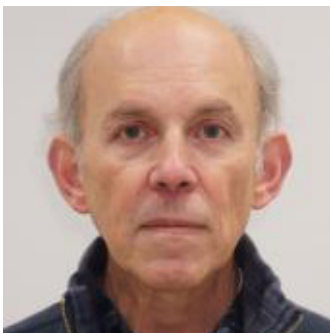
Paul Lefrere

Country: United Kingdom

LinkedIn Profile: /in/lefrere/?originalSubdomain=uk

Professional title: CEO/Managing Director/Chief Executive, CCA

Organisation: CCA

Organisation type: Small and Medium Enterprise

Championing the following NGI values:

› Control over personal data. Value extraction from protected personal data
› Privacy-by-design approaches. Privacy-aware tools
› Security-by-design approaches. Trust models. Cyber security best practices
› New applications and services across industry verticals and public sector. Socio-economic impacts
› Clusters and hubs on NGI-related technologies. Small business opportunities. Research spinouts
› Interoperability and standardisation. Interoperability testing. Key enabling technologies: 5G, IoT, cloud, big data, cyber security

NGI solution(s) adopted by the organisation:

Solutions that emphasize end-user privacy, agency and collaboration, e.g. www.finsec-project.eu

Ralf Lemster

Country: Germany

LinkedIn Profile: /in/financialtranslations/

Organisation: Bundesverband der Dolmetscher und Übersetzer e.V. (BDÜ)

Organisation type: Internet Policy Expert

LinkedIn Profile: /company/bdü-e-v---die-qualifizierten-dolmetscher-und-übersetzer/

Organisation Overview:

With a membership of over 7,500 translators and interpreters, BDÜ (Federal Association of Interpreters and Translators) is the industry's largest professional association. BDÜ represents about 80% of all translators and interpreters who belong to a professional association in Germany and has been a point of contact for trade, industry, policymaking and education since 1955. The association is headquartered in Berlin and is an umbrella Organisation to 13 chapters – 12 regional chapters and one professional chapter, i.e. the Association of Conference Interpreters within the BDÜ (VKD).

Championing the following NGI values:

› Human-centric. Citizen co-design. Participatory. Communities using environmentally-friendly and sustainable resources, e.g. energy

› Security-by-design approaches. Trust models. Cyber security best practices

NGI solution(s) adopted by the Organisation:

Specifically with regard to new technology and related applications, we strongly advocate the development and enforcement of standards for the use of artificial intelligence, such as (neural) machine translation algorithms.

We recently published a press release where we advocate embracing new technology but also outline our concerns, particularly concerning 'algo-ethics'. I attach the press release - let me know if you need an English translation. In this context, we are in the process of contributing an article to the blog of Germany's Bertelsmann Foundation.

BDÜ Bundesverband der Dolmetscher und Übersetzer

Ester Liquori

Country: Italy

LinkedIn Profile: /in/esterliquori/

Professional title: CEO/Managing Director/Chief Executive, You Are My Guide

Organisation: You Are My Guide

Organisation type: Other

LinkedIn Profile: /company/youaremyguide/

Organisation overview:

Marketing and sales strategies often proceed by trial and with uncertain results.

We save companies hours of work and hundreds of thousands of money letting them know audience segments and content impact prediction to improve marketing and sales performance and increase personalization. The result is GhostWriter (https://ghostwriter.ai) a full suite of AI-powered services to create content that works. They help companies to find their audience segment and predict content impact to boost marketing and sales in full respect of people privacy.

Championing the following NGI values:

› Control over personal data. Value extraction from protected personal data
› Women innovators in the NGI space

NGI solution(s) adopted by the organisation:

The system is based on our proprietary semantic system, native in Italian and English language, combined with dedicated AI, ML, DL, NLP, Neural Network algorithms, coming from more than 4 years in R&D.

Gianluca Marzulli

Country: Italy
LinkedIn Profile: /in/gianluca-/

Organisation: LifeData.AI
Organisation type: IT Consultancy / Development
LinkedIn Profile: /company/lifedata-conversational-ai/
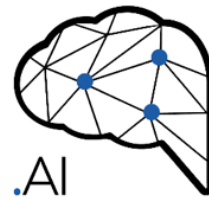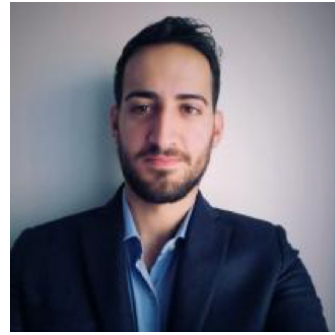**Organisation Overview**:

Our mission is to turn any Organisation into a thinking business.

By embedding a cognitive system that autonomously understands and reasons at scale on dark data generated by people and things, each Organisation can make the most of its unique competitive advantage.

We transform businesses by shaping the way people interact with them. We specialize in Omnichannel AI solutions for Online-to-Offline (O2O) and Online-merging-Offline (OMO) via the IoT, to help you grow your business and cut costs by enabling the adoption of the latest innovations in Experience Design, Data Science and Artificial Intelligence.

Championing the following NGI values:

› New applications and services across industry verticals and public sector. Socio-economic impacts
› Innovations for creativity, culture, education and research
› Clusters and hubs on NGI-related technologies. Small business opportunities. Research spinouts

Xavier Montibert

Country: Ireland (Republic)

LinkedIn Profile: /in/xaviermontibert/

Professional title: CEO/Managing Director/Chief Executive, EnRoute-Consulting

Organisation: EnRoute-Consulting

Organisation type: IT Consultancy/Development

LinkedIn Profile: /company/en-route-consulting-ireland/about/

Organisation overview:

EN ROUTE – CONSULTING is a business development consulting company dedicated to Irish companies willing to establish a commercial presence on the French market and for French companies interested in setting up an activity in Ireland.

Championing the following NGI values:

› Control over personal data. Value extraction from protected personal data
› New applications and services across industry verticals and public sector. Socio-economic impacts
› Innovations for creativity, culture, education and research (also NGI Award winners)
› Clusters and hubs on NGI-related technologies. Small business opportunities. Research spinouts

Marina Mortara

Country: Italy

LinkedIn Profile: /in/marina-mortara/

Professional title: Researcher/Scientiest, INTER IoT

Organisation: INTER IoT

Organisation type: Academia/Research

LinkedIn Profile: /groups/8486057/

Organisation overview:

The overall goal of the INTER-IoT project is to provide an interoperable and open IoT framework, with associated engineering tools and methodology, for seamless integration of heterogeneous IoT platforms, regardless of the application domains.

Championing the following NGI values:

› Control over personal data. Value extraction from protected personal data
› New applications and services across industry verticals and public sector. Socio-economic impacts
› Women innovators in the NGI space
› Interoperability and standardisation. Interoperability testing. Key enabling technologies: 5G, IoT, cloud, big data, cyber security

NGI solution(s) adopted by the organisation:

As part of the INTER Health, with the preliminary results obtained by the health use case pilot study, we can state that it is possible to propose a telemonitoring system thanks to the communication between the designed application and the remotely connected database that allows not only the collection but also the analysis of the data of the assisted subjects. The pilot study thanks to European funding has allowed the conclusion of free loan contracts for the tools to be provided to the recruited subjects (kit devices), but at the end of the project the objective is to develop an interoperable system able to dialogue with different interfaces and overcome the barrier, very often imposed by manufacturers, to constrain the operation of the application to a single model of device.

interoperability of heterogeneous
IoT platforms

Stefan Muysewinkel

Country: Belgium
LinkedIn Profile: /in/stefan-muysewinkel-1317842/

Organisation: b-things
Organisation type: Small Medium Enterprise
LinkedIn Profile: /company/b-things/
Organisation Overview:

B-things is a telecoms technology company based in Belgium and we stand by our claim that we are IoT. Our focus is primarily on billing, charging and rating of IoT devices, whilst our expertise covers all aspects of IoT, MVNX and roaming services. We have built innovative IoT platforms that enable our customers to achieve the flexibility they desire whilst not inheriting the legacy of traditional telecoms systems.

Championing the following NGI values:

› Interoperability and standardisation. Interoperability testing. Key enabling technologies: 5G, IoT, cloud, big data, cyber security
› New applications and services across industry verticals and public sector. Socio-economic impacts
› Innovations for creativity, culture, education and research
› Clusters and hubs on NGI-related technologies. Small business opportunities. Research spinouts

Ehtiram Najafov

Country: Estonia

LinkedIn Profile: /in/ehtiram/

Professional title: CEO/Managing Director/Chief Executive, Dronee

Organisation: Dronee

Organisation type: Small and Medium Enterprise

LinkedIn Profile: /company/droneeaero/

Organisation overview:

Dronee is an Estonian based high-tech company that develops software and hardware for commercial drone applications. Dronee's solutions combine hardware and software, to enable companies to efficiently, safely and reliably operate drones at different aerial applications.

Championing the following NGI values:

› New applications and services across industry verticals and public sector. Socio-economic impacts
› Innovations for creativity, culture, education and research (also NGI Award winners)

Fredi Nonyelu

Country: United Kingdom

LinkedIn Profile: /in/fredinonyelu/

Professional title: CEO/Managing Director/Chief Executive, Briteyellow Ltd

Organisation: Briteyellow Ltd

Organisation type: Small and Medium Enterprise

LinkedIn Profile: /company/1418898/admin/

Organisation overview:

The company maps indoor places such as stations, airports, and shopping malls to create digital twins, embedded with real world location, that helps operators bring greater commercial insight to decision making and asset management.

Championing the following NGI values:

› New applications and services across industry verticals and public sector. Socio-economic impacts.

NGI solution(s) adopted by the organisation:

› Low Power Wide Area Networks
› Internet of Things
› Digital Twins
› Mixed Reality

Robert Overweg

Country: Netherlands

LinkedIn Profile: /in/robertoverweg/

Professional title: Lead Concept & Innovation, Triple

Organisation: Triple

Organisation type: Small and Medium Enterprise

LinkedIn Profile: /company/triple-it/

Organisation overview:

Triple develop products from an intrinsic motivation and belief – that's what it's about at Triple. From this vision. They make both business critical applications as products which help people in their daily lives. For the likes of: Vodafone, Heineken, Max Verstappen, and the Netherlands Institute of Mental Health and Addiction. From concept and strategy to design, from apps to optimization, artificial intelligence, virtual reality and tech ops.

Championing the following NGI values:

› Human-centric. Citizen co-design. Participatory. Communities using environmentally-friendly and sustainable resources, e.g. energy

› New applications and services across industry verticals and public sector. Socio-economic impacts

› Innovations for creativity, culture, education and research (also NGI Award winners)

› Clusters and hubs on NGI-related technologies. Small business opportunities. Research spinouts

Octavio Padilla

Country: Singapore

LinkedIn Profile: /in/fredinonyelu/

Professional title: IT Specialist/IT Architect, World Education Blockchain Association

Organisation: World Education Blockchain Association

Organisation type: Small and Medium Enterprise

LinkedIn Profile: /company/webaofficial/about/

Organisation overview:

WEBA is the world's first comprehensive professional education blockchain association. Gathering top educational resources and experts from across the world, The Association is committed to providing education-blockchain industry and to the cultivation of talents in the blockchain industry. The final goal is to achieve win-win situation of all the parties on this field, creating a global education ecosystem based on blockchain.

Championing the following NGI values:

› Human-centric. Citizen co-design. Participatory. Communities using environmentally-friendly and sustainable resources, e.g. energy
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› Security-by-design approaches. Trust models. Cyber security best practices
› Interoperability and standardisation. Interoperability testing. Key enabling technologies: 5G, IoT, cloud, big data, cyber security
› New applications and services across industry verticals and public sector. Socio-economic impacts
› Innovations for creativity, culture, education and research (also NGI Award winners)
› Clusters and hubs on NGI-related technologies. Small business opportunities. Research spinouts

NGI solution(s) adopted by the organisation:

By fostering a pleasant community atmosphere and running a scientifically based value distribution system, the EduCoin Platform aims to incentivize teaching service providers, disseminators and supporters to optimize their services continuously, with the eventual goal of developing the entire community into a high-quality globalised education community. Within the platform, a brand-new

and complete incentive-based value system will be created through the efforts of various participants like content providers, consumers, disseminators and supporters. Of course, the application scenarios of the EduCoin Platform are not only limited to the education sector – it can cater for virtual transactions in any field of content sharing.

Joop Ringelberg

Country: Netherlands
LinkedIn Profile: /in/joopringelberg

Organisation: Perspect IT
Organisation type: Small Medium Enterprise
Organisation Overview:

Perspect IT is a company of two. We are motivated by the threat posed to our society by the big internet companies. We focus on the way the internet is constructed by professionals. Their conceptual framework, as it presents itself in modelling tools, programming languages, frameworks, etc. inevitably leads to the internet we have today and keep it as it is. The dominant modelling language (UML) for creating software does not even address the very notion of privacy!

Championing the following NGI values:

› Human-centric. Citizen co-design. Participatory. Communities using environmentally-friendly and sustainable resources, e.g. energy
› Control over personal data. Value extraction from protected personal data
› Privacy-by-design approaches. Privacy-aware tools
› New applications and services across industry verticals and public sector. Socio-economic impacts

NGI solution(s) adopted by the Organisation:

Perspectives is a new method to design co-operation. It's models have a mathematical base and are automatically interpreted by a distributed runtime to form operational software, that supports the modelled co-operation. Design peer-to-peer software, private by design, human- and community centred, by using just five concepts: Context, Role, Action, Property and Perspective

Perspect IT

Mirko Ross

Country: Germany

LinkedIn Profile: /in/mirko-ross-4241125/

Professional title: CEO/Managing Director/Chief Executive, asvin.io

Organisation: asvin.io

Organisation type: Small and Medium Enterprise

Organisation overview:

asvin.io provides a mirrored secure update solution between applications parties of Internet of Things: for the embedded device controller (edge devices) and for server-side device applications in the cloud. Today unpatched vulnerabilities on IoT devices are door opener for diseases as DDoS attacks, Ransomware, Hacking and Data theft. Updating unsecure IoT systems is analogy applying medicine to sick patients. There is a growing need for continuously healing infected or unsecure devices in the Internet of Things.

Championing the following NGI values:

› Privacy-by-design approaches. Privacy-aware tools
› Security-by-design approaches. Trust models. Cyber security best practices
› Interoperability and standardisation. Interoperability testing. Key enabling technologies: 5G, IoT, cloud, big data, cyber security
› NGI solution(s) adopted by the organisation:
› Cybersecurity of devices in Internet of Things is one core building block to establish a next generation internet ecosystem in Europe. It's our mission at asvin.io to:
› Support this by providing open source tools for update and patch management of IoT edge devices.
› Blockchain based standards to secure updates and patch distribution in the Internet of Things

Yolanda Rueda

Country: Spain
LinkedIn Profile: /in/ciberyolanda/

Organisation: Fundación Cibervoluntarios
Organisation type: Civil Society, NGO
LinkedIn Profile:
/company/cibervoluntarios-cybervolunteers/
Organisation Overview:

Fundación Cibervoluntarios (www.cibervoluntarios.org) is an NGO made by social entrepreneurs that promotes the use and knowledge of ICTs as a means to alleviate social gaps, generate social innovation and foster citizen empowerment. Starting in 2001, now it counts with 1500 cybervolunteers throughout Spain, who give support to around 400 grass root collaborating Organisations (youth, seniors, people with disabilities, women, educative centres, other ngos....). Cibervoluntarios has developed the "Empodera for the SDgs" online platform to involve citizens in the achievement of the Sustainable Development Goals of the UN's Agenda 2030.

Championing the following NGI values:

Innovations for creativity, culture, education and research

NGI solution(s) adopted by the Organisation:

Empodera for the SDGs (www.empodera.org), is platform that creates processes of social innovation to solve challenges and develop citizen initiatives aimed at achieving the Sustainable Development Goals, from the identification of the challenge, through creative solutions and collaborations, until the design and implementation of the best ideas, to make them viable and sustainable. It counts on the support of UNITAR (united Nations Institute for Training and

Antonio Santos

Country: Ireland (Republic)
LinkedIn Profile: /in/antoniovieirasantos/
Professional title: Research/Scientists, Atos

Organisation: Atos
Organisation type: IT Consultancy/Development
LinkedIn Profile: /company/atos/
Organisation overview:

Atos is a global leader in digital transformation. European number one in Cloud, Cybersecurity and High-Performance Computing, the Group provides end-to-end Orchestrated Hybrid Cloud, Big Data, Business Applications and Digital Workplace solutions through its Digital Transformation Factory, as well as transactional services through Worldline, the European leader in the payment industry. With its cutting-edge technologies and industry knowledge, Atos supports the digital transformation of its clients across all business sectors. The Group is the Worldwide Information Technology Partner for the Olympic & Paralympic Games and operates under the brands Atos, Atos Syntel, Unify and Worldline. Atos is listed on the CAC40 Paris stock index.

Championing the following NGI values:

› Human-centric. Citizen co-design. Participatory. Communities using environmentally-friendly and sustainable resources, e.g. energy
› Control over personal data. Value extraction from protected personal data
› Privacy-by-design approaches. Privacy-aware tools
› Security-by-design approaches. Trust models. Cyber security best practices
› Interoperability and standardisation. Interoperability testing. Key enabling technologies: 5G, IoT, cloud, big data, cyber security
› New applications and services across industry verticals and public sector. Socio-economic impacts
› Innovations for creativity, culture, education and research (also NGI Award winners)
› Clusters and hubs on NGI-related technologies. Small business opportunities. Research spinouts
› Women innovators in the NGI space

NGI solution(s) adopted by the organisation:

We actively work on initiatives that foster an inclusive web for everyone. People with disabilities are often forgotten when we talk about technology and policies and we want to prevent that from happening.

Tariq Saraj

Country: Pakistan
LinkedIn Profile: /groups/6730903/

Organisation: Riphah Institute of Systems Engineering, Riphah International University

Organisation type: Academia/Research

LinkedIn Profile: /in/tariqsaraj/

Organisation Overview:

I am joining this community in my individual capacity. I have been actively working on draft in one of the working group of IETF termed as DNSOP. I have recently attended a session of GCSC in IETF 102 in Montreal and I came to this site referral source after a hard search online.

I am actively working on research-based projects at my Institute in cybersecurity domain, as well as I am teaching the Network Security and Applicaiton Security subjects since last two years at the same Institute at master level.

Championing the following NGI values:

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› Privacy-by-design approaches. Privacy-aware tools
› Security-by-design approaches. Trust models. Cyber security best practices
› Interoperability and standardisation. Interoperability testing. Key enabling technologies: 5G, IoT, cloud, big data, cyber security
› New applications and services across industry verticals and public sector. Socio-economic impacts
› Innovations for creativity, culture, education and research

NGI solution(s) adopted by the Organisation:

My Organisation is an institute that has degree level programs for MS and PhD students in

Craig Sheridan

Country: UK

LinkedIn Profile: /in/craigsheridan/

Organisation: Edinburgh Innovations - University of Edinburgh

Organisation type: Academia/Research

LinkedIn Profile: /company/edinburgh-innovations/

Organisation Overview:

We are Edinburgh Innovations, the Innovation Management Service for The University of Edinburgh. With partners, we explore opportunities, build ideas and deliver results for industry and The University of Edinburgh. We do this by promoting the research, technology and facilities at the University and use our expertise to manage and develop industry partnerships.

Championing the following NGI values:

› Privacy-by-design approaches. Privacy-aware tools
› Security-by-design approaches. Trust models. Cyber security best practices
› Interoperability and standardisation. Interoperability testing. Key enabling technologies: 5G, IoT, cloud, big data, cyber security
› New applications and services across industry verticals and public sector. Socio-economic impacts
› Innovations for creativity, culture, education and research

Mark Sorsa-Leslie

Country: UK

LinkedIn Profile: /in/msorsaleslie

Organisation: Beringar

Organisation type: Small Medium Enterprise

LinkedIn Profile: /company/beringar/about/

Organisation Overview:

Creating clever space that unlocks potential with machine learning powered sensors that make buildings talk. R/GA IoT Venture Studio & Cambridge Wirekess IoTUK Boost winner.

Championing the following NGI values:

Interoperability and standardisation. Interoperability testing. Key enabling technologies: 5G, IoT, cloud, big data, cyber security

Martin Splitt

Country: Switzerland

LinkedIn Profile: /in/martinsplitt/

Organisation: Google (Zurich, Switzerland)

Organisation type: IT Consultancy / Development

Championing the following NGI values:

› Human-centric. Citizen co-design. Participatory. Communities using environmentally-friendly and sustainable resources, e.g. energy

› Interoperability and standardisation. Interoperability testing. Key enabling technologies: 5G, IoT, cloud, big data, cyber security

› New applications and services across industry verticals and public sector. Socio-economic impacts

› Innovations for creativity, culture, education and research

Adalberto Stenti

Country: Spain
LinkedIn Profile: /in/adalberto-stenti-de-matteis-912a1b115/
Professional title: IT Specialist/IT Architect, Nae

Organisation: Nae
Organisation type: IT Consultancy/Development
Organisation overview:

Nae provide consulting services for the design and implementation of technological solutions that adapt to the strategy of each client in order to boost their productivity and efficiency, while helping to minimize the associated risks.In the field of Industry 4.0 we are systems integrators, specialized in bringing together component subsystems into a whole end-to-end Internet of Things Solution.

Championing the following NGI values:

› Interoperability and standardisation. Interoperability testing. Key enabling technologies: 5G, IoT, cloud, big data, cyber security.
› New applications and services across industry verticals and public sector. Socio-economic impacts.

Alexandru Stan

Country: Germany

LinkedIn Profile: /in/alexandrustan/

Professional title: Programme Manager/Project Manager, IN2

Organisation: IN2 Group

Organisation type: Small and Medium Enterprise

LinkedIn Profile: /company/in2/

Organisation overview:

IN2 Group is leading provider of IT services for public and private sector in Croatia. The Croatian IT market recognises us by development projects that include complex and long-term solutions, set high standards of execution, and which make a great amount of resources available. We have been continually investing into the implementation of new technologies, offering a rich portfolio of solutions adapted to the needs and requirements of users.

Championing the following NGI values:

› Human-centric. Citizen co-design. Participatory. Communities using environmentally-friendly and sustainable resources, e.g. energy
› Control over personal data. Value extraction from protected personal data
› Privacy-by-design approaches. Privacy-aware tools
› New applications and services across industry verticals and public sector. Socio-economic impacts
› Innovations for creativity, culture, education and research (also NGI Award winners)

Emanuele Storti

Country: Italy

LinkedIn Profile: /in/emanuele-storti-b1147123/

Professional title: Researcher/Scientists, Daisy lab, Marche Polytechnic University

Organisation: Daisy lab, Marche Polytechnic University

Organisation type: Academia/Research

LinkedIn Profile: /school/universita-politecnica-delle-marche/

Organisation overview:

The Daisy Lab at Marche Polytechnic University (http://www.univpm.it) focuses on the usage of collaborative and semantic technologies, Big Data, Machine Learning and AI to support and empower communities of citizens and organisations. Among our recent projects:

› Analytics for Citizens
› Innovation support for Virtual Organisations
› Championing the following NGI values:
› Human-centric. Citizen co-design. Participatory. Communities using environmentally-friendly and sustainable resources, e.g. energy
› New applications and services across industry verticals and public sector. Socio-economic impacts
› Interoperability and standardisation. Interoperability testing. Key enabling technologies: 5G, IoT, cloud, big data, cyber security

NGI solution(s) adopted by the organisation:

We rely on Big Data architectures, semantic technologies to represent, make sense and share information and knowledge on the Web, Artificial Intelligence for automated reasoning and collaborative technologies to promote cooperation and interaction within communities of citizens and organisations.

Hans Timmermans

Country: Belgium
LinkedIn Profile: /in/hans-timmermans/

Organisation: AeronMatch.com
Organisation type: IT Consultancy/Development
LinkedIn Profile: /company/aeronmatch/about/
Championing the following NGI values:

› New applications and services across industry verticals
  and public sector. Socio-economic impacts

Rob Van Alphen

Country: Belgium

LinkedIn Profile: /in/robvanalphen/

Professional title: Advisor/Consultant, School of Disruption

Organisation: School of Disruption

Organisation type: Other

LinkedIn Profile: /company/school-of-disruption/

Organisation overview:

School of Disruption helps people and organisations understand emerging technologies (Artificial Intelligence, Blockchain, Robotics, Augmented & Virtual Reality, etc.) and their impact on the future of work. Our mission is to inspire & empower a global workforce with the tools and capabilities to prepare for a future which is unknown.

Championing the following NGI values:

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› Control over personal data. Value extraction from protected personal data
› Innovations for creativity, culture, education and research (also NGI Award winners)

Nuno Varandas

Country: Portugal

LinkedIn Profile: /in/nvarandas/

Professional title: Programme Manager/Project Manager, F6S Network Limited

Organisation: F6S Network Limited

Organisation type: Small and Medium Enterprise

LinkedIn Profile: /company/f6s/

Organisation overview:

F6S Network Limited (http://f6s.com) is a scaleup that is the largest social network for Startups in World. With over 2,650,000 profiles for the Startup community and more than 1,000,000 Tech Startups, it currently supports the majority of the Startup ecosystem through deal flow/applications, jobs listings, free services, communication forms, technology transfer infrastructure & other areas.

Championing the following NGI values:

› New applications and services across industry verticals and public sector. Socio-economic impacts
› Clusters and hubs on NGI-related technologies. Small business opportunities. Research spinouts

NGI solution(s) adopted by the organisation:

F6S is implementing Machine Learning, AI and Blockchain technologies into its platform with the vision to be the leading CRM for programme managers and tech start-ups/SMEs service providers.

Fabrizio Villani

Country: Italy

LinkedIn Profile: /in/fabriziovillani/

Professional title: Co-Founder & Head of Growth Fintastico

Organisation: Fintastico

Organisation type: Small and Medium Enterprise

LinkedIn Profile: /company/fintastico/

Organisation overview:

TripAdvisor of innovative financial services ("fintech")

Championing the following NGI values:

› New applications and services across industry verticals and public sector. Socio-economic impacts

Massimo Villari

Country: Italy

LinkedIn Profile: /in/mvillari/

Professional title: Researcher/Scientists, Alma Digit S.R.L

Organisation: Alma Digit S.R.L

Organisation type: Small and Medium Enterprise

LinkedIn Profile: /company/almadigit/

Organisation overview:

Alma Digit s.r.l. is a spin-off of the University of Messina (Italy) that aims to transfer the technological innovation from the academic context to the industrial one. It offers consulting services to small and medium-sized public and private enterprises with the objective to design and develop highly innovative ICT (Information and Communication Technology) solutions. In particular, Alma Digit s.r.l. provides design and implementation of scalable Cloud-based products tailored to the specific customer needs, with great attention to security and privacy issues.

Championing the following NGI values:

› Control over personal data. Value extraction from protected personal data
› Security-by-design approaches. Trust models. Cyber security best practices

Ray Walshe

Country: Ireland
LinkedIn Profile: /in/raywalshe/

Organisation: Dublin City University
Organisation type: Academia/Research
LinkedIn Profile: /school/dublin-city-university/
Organisation Overview:

Assistant Professor in Dublin City University (DCU) at Insight Centre for Data Analytics and , International Work includes IEEE European Public Policy Committee on ICT, Digital Leader with the World Economic Forum , ISO/IEC JTC1 SC42 Artificial Intelligence Standards Editor, Steering Committee Member for European Commission JIS, Chair of StandICT.eu Expert Advisory Group and Member of United Nations Economic Commission for Europe (UNECE) Regulatory Cooperation and Standardization Policies.

Championing the following NGI values:

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› Innovations for creativity, culture, education and research
› Clusters and hubs on NGI-related technologies. Small business opportunities. Research spinouts

Frederik Westerouen Van Meeteren

Country: The Netherlands

LinkedIn Profile: /in/frederik-westerouen-van-meeteren-93276971/

Professional title: CEO/Managing Director/Chief Executive, Anything Connected

Organisation: Anything Connected

Organisation type: Small and Medium Enterprise

LinkedIn Profile: /company/anything-connected/

Organisation overview:

Anything Connected has made an internet connected sensor sticker, the Data Node, which allows any product to tell you when it will break down, by simply sticking it on the side. With our tech, we set up predictive maintenance in 24 hours, for products such as production lines, bridges and heating systems, but it works on any object. Because we understand that our clients want to do data analytics themselves, we act as a data supplier. We measure the data for you and deliver it to a database of your choice. This means you can use any software platform you want for data analytics.

Championing the NGI value:

› Interoperability and standardisation. Interoperability testing. Key enabling technologies: 5G, IoT, cloud, big data, cyber security

NGI solution(s) adopted by the organisation:

Our internet connected sensor sticker, the Data Node, measures several different variables: movement, orientation, vibration, temperature and electric activity. The most unique of these is electricity activity, which we can measure wirelessly. This means we can determine what electric products are doing without having to pause machine and connecting something onto the circuit.

Our sensor software is what we excel at. It offers a consistent stable data stream, is flexible to work with many different software platforms and can handle local data interpretation!

Bozena Wujec

Country: Poland

LinkedIn Profile: /in/bozena-wujec-407ab227/

Professional title: CEO/Managing Director/Chief Executive, Inspired

Organisation: Inspired

Organisation type: Small and Medium Enterprise

LinkedIin: /company/bridgit-io/

Organisation overview:

Its mission is "It inspires development by showing effective methods of change towards perfection."

The strength of the organisation, like the people who create it, lies in their constant development. We want to accompany companies in their development by inspiring changes and showing the most effective ways to the tops. This mission is carried out through our services and relationships as well as partner cooperation with clients.

Championing the following NGI values:

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› Innovations for creativity, culture, education and research (also NGI Award winners)
› Clusters and hubs on NGI-related technologies. Small business opportunities. Research spinouts
› Women innovators in the NGI space

Anže Žitnik

Country: Slovenia
LinkedIn Profile: /in/anzezitnik/

Organisation: XLAB
Organisation type: Small and Medium Enterprise
LinkedIn Profile: /company/xlab/
Championing the NGI value:

› Control over personal data. Value extraction from protected personal data
› Privacy-by-design approaches. Privacy-aware tools
› Security-by-design approaches. Trust models. Cyber security best practices
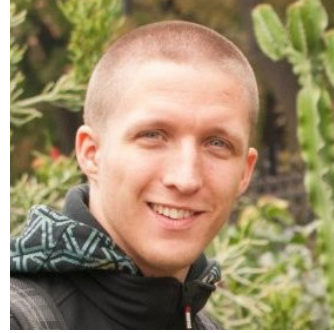
Discussion channels of the NGI Consultation

The NGI Consultation Platform features the latest discussions on the next generation internet. The discussion channels offer fresh insights into what's happening in the NGI landscape.

You can join the discussions by publishing new posts, commenting on existing posts, or simply leaving a 'like'.

Two easy ways to get involved:

Step 1: Sign up

Step 2: Post your comments, views and ideas!

https://consultation.ngi.eu/channels

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