

IDESIO Storytelling

IDESIO Foundations

January 28, 2016 - IDESIO is established as innovative startup by six co-founders (and friends): Roberto Verdone (Professor of Telecommunications at the University of Bologna, leading the research group RN – Radio Networks), four of his former PhD students (Danilo Abrignani, Riccardo Cavallari, Stefan Mijovic, Andrea Stajkic), and EBWorld srl, a company led by a former student of RN (Francesco Mete). The legal offices are set at EBWorld, Pesaro, IT. Francesco acts as CEO, Stefan as CTO.

May 2016 – IDESIO is selected by TIM #WCAP among 1000+ applicants, to be included in the startup accelerator program for the period Sept. 2016 – August 2017.

IDESIO 1.0. Civil Protection: *Albatross and Penguin*

December 2016 – IDESIO (1.0) donates to the Red Cross the first drone LoRa Gateway (*Albatross*) along with wearable devices for rescue member monitoring (*Penguin*). Albatross is based on LoRa technologies and a proprietary protocol stack. The donation is presented in January 2017 during a press conference participated by 100+ people (among them, representatives of National Authorities in the area of Civil Protection).

December 2016 – IDESIO (1.0) is selected among the 20 finalists of the Marzotto Startup Prize and is included in the accelerator program of BP Cube for year 2017.

IDESIO 2.0. Smart City: *Hamster*

May 2017 – IDESIO (2.0) starts developing a LoRa device for home/building monitoring: a multisensory device (*Hamster*) compatible with Albatross.

April 2018. IDESIO (2.0) deploys 50 Hamsters and 3 Albatross in the city of Bologna in the context of a research project financed by MIUR.

IDESIO 3.0. Smart Agriculture: *Mole*

April 2018. IDESIO (3.0) is selected as partner of the H2020 EU project BRIGAD, among 40 candidates, and starts developing a device for area soil moisture estimation (*Mole*) based on underground transmission of LoRa signals. Mole is developed in collaboration with Embit srl, and tested on field in the context of an agreement within the University of Bologna.

December 2018. Mole is chosen by the University of Bologna among the systems to be further developed in the context of the program of Departments of Excellence / Cyber Physical Systems for Smart Agriculture.

IDESIO 4.0.

December 21, 2018. IDESIO (4.0) changes the society structure. EBWorld, Andrea, Stefan, Riccardo and Danilo leave the startup, and their shares are taken by Embit, with the intention to scale up. Offices are opened in Modena at the Embit premises.