

Session 2: Digital Transformation of Health

Collaboration opportunities

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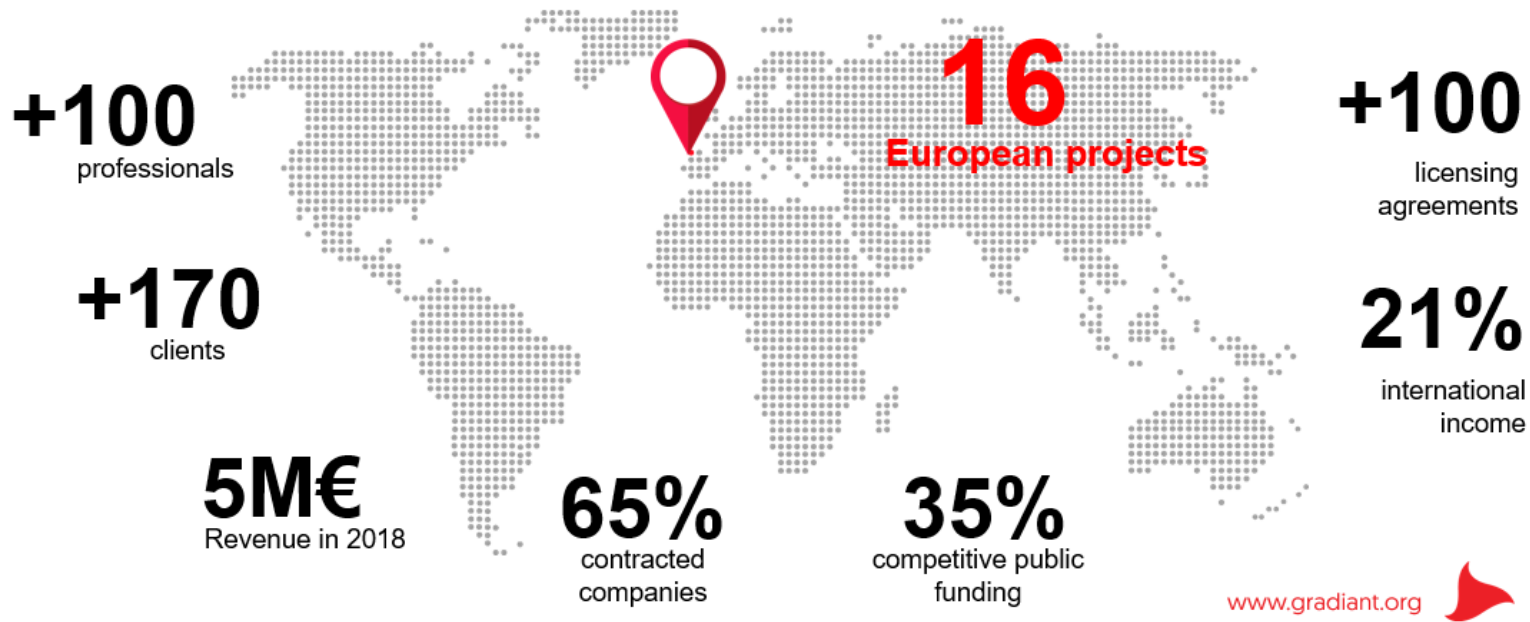
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Spanish private, non profit, research and development centre in ICT with expertise in **eHealth** applying **AI, Big Data, signal processing, IoT, privacy and security and advanced telecommunication systems.**



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HEALTH-NCP-NET 2.0 PROJECT IS FUNDED BY EUROPEAN COMMISSION

Project ideas and contributions (1/2)



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TOPIC: SC1-BHC-06-2020: Digital diagnostics – Supporting clinical decisions

IDEA: Software module that assists the healthcare professional to register data collected during the clinical encounter, codifies the data input in NL, and suggests possible diagnosis.

- SOFTWARE module under development. Expertise in PLN and interoperability.
- DATASETS: retrospective anonymized patient datasets: colorectal and lung cancer.
- PARTNERS: GRAD + Industry + Regional care provider + University.

TOPICS: SC1-DTH-02-2020 : Tailored early risk prediction, prevention and intervention – AI & Big Data

SC1-DTH-12-2020: Real-World Data to adv. research on management of chronic conditions

- Expertise in AI & Big Data.
- DATASETS: retrospective anonymized patient datasets: colorectal and lung cancer.
- Partners from different EU countries and USA: GRAD + SMEs + hospitals + universities.

TOPIC: SC1-BHC-24-2020: Management of the elderly multimorbid patient

IDEA: AI-based algorithms for patient stratification and/or treatment selection

- Expertise in AI & Big Data. Experience in passive sensing to infer health status and changes.
- PARTNERS: GRAD + clinical partners from regional public care providers w/ outstanding research productions and interest in EU collaborative projects.

Project ideas and contributions (2/2)



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TOPIC: SC1-DTH-13-2020: Digital tools for people-centred care

IDEA: Social robot for the care of the elderly.

- The robotic platform under development (co-creation) includes several interesting functionalities, including a multilingual conversational interface.
- PARTNERS: GRAD + Technology providers (Large company + SME) + Elderly care provider (SME) + University.

TOPIC: DT-ICT-12-2020: AI for the smart hospital of the future

IDEA: Digital tool for hospital optimization including process discovery, visualization, real-time monitoring and event prediction. We can contribute with knowledge, data and a team with experience in the development of EU proposals.

- SOFTWARE TOOL for hospital processes optimization.
- DATASETS: Hematology, operating room and emergency room.
- PARTNERS: GRAD + Technology provider (SME) + Large healthcare provider.

Contact details



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Thanks for your
attention!!

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