# Ubiquitous Data and Services, open ended call

## Status applications and allocations per. 3 April 2020

- Total number of grant applications reviewed: 120
- Total of overall funding requests: ca. NOK 1 704 mill.
- Number of projects awarded funding: 28
- Total funding allocated: ca. NOK 412 mill.
- The call for proposals was discontinued 16 March 2020. A revised version of the open-ended call was published March 2020.
- Number of proposals received, but not assessed: 46

The list below is sorted by project number.

| Project no. | Project title | Organisation | Amount granted (KNOK) |
|---|---|---|---|
| 311680 | AI4Users: Responsible Use of Artificial Intelligence through Design for Accountability and Intelligibility | Universitetet i Agder | 15 996 |
| 311646 | SEquences and Their Applications | Universitetet i Bergen | 8 700 |
| 311596 | Geodata-based Machine Learning for real-time urban risk reduction systems | NORSAR | 15 700 |
| 311393 | Analytics for computation and visualization of liver resections | Oslo Universitetssykehus | 15 048 |
| 311341 | Doctor AI2 – Artificial Intelligence mining of the Adaptive Immune system to develop an immunodiagnostics platform | Universitetet i Oslo | 8 752 |
| 311197 | Privacy Engineering for Real-Time Analytics in Human-Centered Internet of Things | Universitetet i Oslo | 15 885 |
| 310601 | Internet of Bio-NanoThings for Prediction and Prevention of Infectious Diseases | NTNU | 16 000 |
| **Previously funded (per December 2019):** | | | |
| 310515 | Personalized ocean forecasts in a two-way data flow system | HAVFORSKNINGSINSTITUTTET | 15998 |
| 310468 | RE-AIMED: Readjusted responses by use of AI in medical calls | NORCE Helse | 15975 |
| 308909 | 5G Management and Orchestration for Data and Network Integration | Universitetet i Stavanger, Institutt for data- og elektroteknologi | 14206 |
| 308904 | Machine Learning for the Anonymisation of Unstructured Personal Data | NORSK REGNESENTRAL | 15997 |
| 306640 | Collective Efficient Deep Learning and Networked Control for Multiple Collaborative Robot Systems | Universitetet i Agder, Institutt for ingeniørvitenskap | 15978 |
| 305445 | Maritime Autonomous Sampling and Control | NTNU, Institutt for matematiske fag | 12594 |
| 305051 | Navigation System Integrity Assurance for Safety-Critical Autonomous Operations | SINTEF Digital | 15246 |

| 304843 | EXAIGON - EXplainable AI systems for Gradual industry adoptiON | NTNU, Institutt for teknisk kybernetikk | 15995 |
|---|---|---|---|
| 304667 | Autonomous Robots for Ocean Sustainability | NTNU, Institutt for teknisk kybernetikk | 15999 |
| 300638 | Cooperative Human Activity Recognition and Localization for Healthcare and Wellbeing | Universitetet i Agder, Institutt for informasjons- og kommunikasjonsteknologi | 15994 |
| 300509 | Greater Oslo Area Train Optimization | SINTEF Digital | 12780 |
| 300504 | Bio-inspired neural networks for AI applications | Universitetet i Oslo, Fysisk institutt | 15998 |
| 300461 | Adaptive Immunity for Software: Making Systems and Services Autonomously Self-Healing | Simula Research Laboratory | 15999 |
| 300305 | SciML - Scientific Computing & Machine Learning | Simula Research Laboratory | 15987 |
| 300172 | Safe Reinforcement Learning using Model Predictive Control | NTNU, Institutt for teknisk kybernetikk | 14754 |
| 300102 | COPS: Comprehensive privacy and security for resilient CPS/IoT | NTNU, Institutt for elektroniske systemer | 15998 |
| 300034 | Data-driven Framework for Personalised Cancer Screening | Simula Metropolitan Center for Digital Engineering | 12593 |
| 300031 | Improved Pathology Detection in Wireless Capsule Endoscopy Images through Artificial Intelligence and 3D Reconstruction | NTNU, Institutt for datateknologi og informatikk | 16000 |
| 299827 | Enabling Future Dependable Ubiquitous Services and Data with Novel Testing Methods for Quantum Programs | Simula Research Laboratory | 14445 |
| 299757 | GentleMAN-Gentle and Advanced Robotic Manipulation of 3D Compliant Objects | SINTEF Ocean | 16000 |
| 299585 | Intelligent use of data to build optimization tools for cyber-physical systems in the process industry | NTNU, Institutt for kjemisk prosessteknologi | 11362 |

The table below shows the distribution of marks by percentage for the panel's overall assessment of the grant applications to the open-ended call, per 20.12.2019 (7 is the top mark):

| Mark | 7 | 6 | 5 | 4 | 3 | 2 | 1 |
|---|---|---|---|---|---|---|---|
| Percentage | 1 % | 24 % | 33 % | 34 % | 8 % | 0 % | 0 % |