



UCC

Coláiste na hOllscoile Corcaigh, Éire
University College Cork, Ireland

**Oifig an Leas - Uachtaráin Taighde
agus Nuálaíochta**

Office of the Vice President
for Research and Innovation

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Subject: FuturICT FET Flagship

Dear Professor Helbing and Professor Bishop

As President and Vice President (Research & Innovation) of University College Cork (UCC), we are pleased to confirm UCC's strong interest in and continued support for the FuturICT FET flagship. In addition, through this letter we are delighted to express our financial commitment as well as continue to act as the national hub in Ireland for the FuturICT initiative.

One element of UCC's research strategy is to concentrate resources in areas that are producing research at the highest international levels, consolidating research activities through clustering to establish critical mass in organised Units, while also promoting and supporting large-scale interdisciplinary research projects and newly emerging areas of research. UCC's research strengths can make significant contributions to underpinning all the major elements of FuturICT: the Planetary Nervous System (PNS), the Living Earth Simulator (LES), the Innovation Accelerator (IA) and the Global Participatory Platform (GPP).

UCC is a partner in the Irish Cloud Technology Centre (total funding: €5 million) and has the technical skill-sets that can play a role in the virtualised architecture design required by the FuturICT platform, as well as providing computing and storage resources. UCC is the lead institution for the Irish Governance, Risk and Compliance Technology Centre (total funding: €5 million) so is well placed to contribute to the risk focus areas of the LES. UCC also hosts the Irish Cloud Incubation Centre (total funding: €0.5 million), which enables SMEs to migrate and test new cloud based applications but can also be leveraged to support the GPP. UCC is the lead Irish institution in service/cloud based business models and can help stimulate advances within the IA component of FuturICT. Furthermore, UCC has extensive linkages to large multinationals as well as SMEs and is happy to continue to leverage these connections to support the FuturICT project.

The global problems that are posited in the FuturICT proposal require a multi-disciplinary approach as the breadth of the problem is too large for any singular academic research area. The scale of these problems require a Flagship approach in order to address and tackle the multiple issues if future generations of humanity are to avoid the severe impacts of decisions made by the previous and present administrations. Fortunately, UCC has always had an enduring culture of interdisciplinary collaboration across its broad spectrum of academic excellence and is in a strong position to be able to link research activities and outputs in order to help make a difference on these global issues.

In conclusion UCC will seek to support FuturICT with resources up to the value of €1 million. This contribution will be in the form of new tenured track positions related to the field of Data/Business

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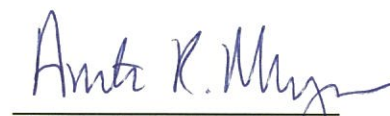
Science, time spent by faculty members and researchers participating in the FuturICT programme and the use of relevant UCC infrastructure.

In addition UCC is working with Science Foundation Ireland to allocate matching funds for the Flagship ERANet+ call to be announced.

UCC is strongly committed to FuturICT, and we hope to have the opportunity to extend that commitment as the programme develops.

With best wishes


Dr Michael B. Murphy
President


Prof Anita R. Maguire
Vice President for Research
& Innovation