This fantastic new exhibition will explore – through exhibitions and programming – how these technologies are shaping the future of our society and help develop the attitudes and skill-sets to enable the widest participation in the opportunities that they will create.
Idea #59 will be a unique, interactive educational platform designed to nurture crucial future skills. To achieve this we need to develop a culture of innovation which inspires all our citizens to harness their full potential and contribute to the creation of the innovations that will transform our society.

Idea #59 will help grow the next generation of engineers, scientists and innovators by creating a physical space for extended engagement with schools, communities, families and teenagers. It aims to inspire and develop the builders of tomorrow through creative play and learning. It will also create a platform to engage the wider community in the innovations of the future to ensure that the widest population can participate in the opportunities that will create, focusing on technology mega-trends and their resulting societal impact including:

- Artificial Intelligence, Big Data, Cyber Security
- Automation, Robotics and Advanced Manufacturing
- Precision Medicine and Genomic Analysis
- The Internet of Things and how people connect with others, information and the world around them
- Industrial Biotechnology

WHAT IS IDEA #59?

IDEA #59 WILL ACHIEVE THE FOLLOWING:

- **Showcase** the types of skills required for future careers; help students connect what they learn in the classroom with the world around them and with the opportunities offered by a career in engineering, science and technology through social learning.
- **Inspire** the next generation of innovators by developing critical skills and confidence and providing opportunities for making, developing and producing.
- **Develop** the skills to ensure the widest participation in the opportunities that are being created. Through extended workshops and skills development sessions designed for young and old, we will enable audiences to develop the skills, confidence and aspiration to progress to further studies. These will be designed and delivered in collaboration with partners from industry, and public sector.
- **Create** a platform for industry to engage the wider community in a discussion about future innovations and the societal impact of these, to remove the anxiety of change and promote an understanding of the ‘art of the possible’.
Glasgow Science Centre offers a wide range of specialist science education programmes, annual events, “On Tour” outreach programmes and teaching resources aimed at engaging participants with the wonders of science.

As an educational charity working in partnership with a number of public, corporate and not-for-profit organisations, Glasgow Science Centre is uniquely placed to deliver key messages to a large number of individuals of all ages and walks of life throughout Scotland and beyond.

Between our existing On Tour outreach product and our offer at the Science Centre itself, we reach over 500,000 people a year delivering rich, engaging and memorable experiences on the theme of science and technology.

OUR KEY AUDIENCES ARE:

- Family audiences
- School pupils and their teachers
- Community audiences including traditionally ‘hard to reach’ groups and long-term unemployed
- People who want to understand technology in enough detail to have a conversation about it and make an informed decision

PARTNERS

We will work with a wide range of industry partners to bring Idea #59 to life and help showcase the innovative and potentially life changing work they are involved in.

In particular, we will focus on the work of Scotland’s Innovation Centres, including the Centre for Excellence in Sensor and Imaging Systems (CENSIS), The Data Lab, Advanced Forming Research Centre (AFRC), Industrial Biotechnology Innovation Centre, Digital Health and Care Institute, Stratified Medicine Scotland – IC, Construction Scotland Innovation Centre, Fraunhofer UK Centre for Applied Photonics.

We will also seek to involve a wide range of industrial and academic partners who are at the forefront of the development of these technologies.

OUR PROPOSAL

Glasgow Science Centre will work with our public sector, academic and industry partners to develop this futuristic and innovative new space.

The costs for the project are as follows:

<table>
<thead>
<tr>
<th>CAPITAL FUNDING (DESIGN AND BUILD)</th>
<th>£1,000,000</th>
</tr>
</thead>
<tbody>
<tr>
<td>REVENUE FUNDING (PER YEAR)</td>
<td>£100,000</td>
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We are seeking both direct or in-kind (expertise, technology) support from a wide-range of organisations.

£450k has already been secured from the Scottish Government, Scottish Enterprise, RS Components, Aridhia, M Squared Lasers.

By supporting Idea #59 you and your organisation will be part of an innovative and informative project aimed at showcasing and promoting understanding of current and future technologies, and supporting the innovators of tomorrow. Your involvement in the exhibition will offer the following benefits:

- The opportunity to tell your story, engage with and inspire hundreds of thousands of adults and young people across Scotland and beyond
- The opportunity to encourage and influence future technologists and innovators
- Upskilling of staff in communication and public engagement through direct involvement with the project and engagement with our audiences
- Corporate visibility through branding on marketing, content and PR materials