



Rialtas  
na hÉireann  
Government  
of Ireland

Tionscadal Éireann  
Project Ireland  
2040

DISRUPTIVE TECHNOLOGIES INNOVATION FUND CALL 5 INDICATIVE APPLICATION FORM

Please use this template as a guideline to follow when preparing your proposal. It has been designed to ensure that the important aspects of your planned work are presented in a way that will enable the experts to make an effective assessment against the evaluation criteria.

Please be aware that proposals will be evaluated as they were submitted, rather than on their potential if certain changes were to be made. This means that only proposals that successfully address all the required aspects will have a chance of being funded. There will be no possibility for significant changes to content, budget and consortium composition during grant preparation.

**The application submission consists of two parts:**

**Part A** of the application form contains the Project Mission/Goal, List of Participants, Lead Applicant Details, Research Priority Area, Executive Summary, Project Budget, Breakdown of Costs Tables and Declarations. **Part A** must be completed on the Online Submission System, which will be open for use by **early June 2022**.

**Part B** of the application form contains the General Project Information, Selection Criterion 1,2,3 and 4, Work Packages, Signatures, Information About the Consortium and Tables 1-6. **Part B** must be uploaded as a PDF Document on the Online Submission System. **Please note page limit for Part B should not exceed 50 pages**. All tables in these sections must be included within this limit. The minimum font size allowed is 11 points. The page size is A4, and all margins (top, bottom, left, right) should be at least 15 mm (not including any footers or headers). Note that the signature pages should be signed, scanned and inserted into the PDF document.

**Application Forms (Part A and Part B) must be completed and submitted by 3pm (Irish time) 14 July 2022.**

# Part A

**This section will be completed electronically through the Online Submission System, and should not be duplicated in the PDF for Part B.**

Title of proposal

Acronym of proposal

**Project Mission/Goal**

Please provide a 50-word description of the project in plain English. This description will be used when publicising successful projects so please ensure that it can be understood by a wide audience.

List of participants:

Participant No.	Organisation Name	<i>For companies only<sup>1</sup></i>			
		CRO <sup>2</sup> or Business Registered Number	Client of Agency (EI/IDA/ÚnaG)*	Established manufacturing company (Y/N)	SME (Y/N)
1 (Lead Applicant)					
2					
3					

**\*Only companies that are clients of Enterprise Ireland, IDA Ireland or Údarás na Gaeltachta by the deadline for applications and eligible RPOs can apply under Call 5 for the DTIF.**

<sup>1</sup> Note that the legal entity incurring costs in the project must be the entity identified by CRO or Business Registered Number here.

<sup>2</sup> <https://www.cro.ie/Services/Company-Search>

SAMPLE

Lead Applicant Details:

Contact Name	
Organisation	
Email address	
Phone Number	

Proposed Budget:

Total Project Cost (€m)	
DTIF Request (€m)	
DTIF Request (%)	

Research Priority Area:

Research Priority Area	Advanced and Smart Manufacturing <sup>3</sup>
------------------------	---

Applicants should be aware that funding applications for Call 5 should be focussed on Advanced and Smart Manufacturing and the use of innovative technology to bring disruptive innovation to conventional manufacturing operations. Section 2 of the Guide for Applicants refers.

---

<sup>3</sup> Advanced and Smart Manufacturing is the use of innovative technologies and methodologies in manufacturing operations in conjunction with ICT systems to enhance productivity, quality, flexibility, and responsiveness to the market. Two principal themes of Advanced and Smart Manufacturing are the digital transformation of manufacturing operations and sustainability in manufacturing.

Executive Summary [Max 1 Page]

SAMPLE

**Table 7. Project Budget<sup>4</sup>**

Provide the overall budget for the proposal (per partner).

Partner No/Short Name	Total Project Cost (€)	DTIF Funding Request (€)	DTIF Funding (%)
TOTAL:			

---

<sup>4</sup> Budget information will be provided in TABLES 7, 8 & 9. Note that no further budget information should be included in PART B of the application.

**Table 8. Breakdown of costs per enterprise partner:**

**Breakdown of costs per enterprise partner:**

	Cost (€)		
Partner No.	1	2	3
Partner Short Name			
Salaries <sup>5</sup>			
<b>Overheads (30% of eligible salaries)</b>			
Materials			
Travel & Subsistence			
Contractual Research, Consultancy etc.			
Patent Costs (SMEs only)			
Capital Expenditure			
<b>Total Expenditure for Grant Aid calculation</b>			
<b>Grant Rate (%<sup>6</sup>)</b>	<b>%</b>	<b>%</b>	<b>%</b>
<b>Total DTIF Contribution Requested</b>			

<sup>5</sup> List the roles per partner in the Footnote: title and role in project (new or existing staff; no. of months on project; % time commitment; cost).

<sup>6</sup> Enterprises can claim up to 50% of their eligible costs, with the exception of large companies where the aid intensity is reduced to a flat rate of 40% to satisfy State Aid rules for the funding of experimental development.

**Table 9. Breakdown of costs per RPO partner:**

**Breakdown of costs per RPO partner:**

	Cost (€)		
Partner No.	1	2	3
Partner Short Name			
Salaries <sup>7</sup>			
Materials			
Travel & Subsistence			
Contractual Research, Consultancy etc.			
Patent Costs			
Capital Expenditure			
<b>Total Expenditure for Grant Aid calculation</b>			
<b>Grant Rate (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>
<b>Direct DTIF Grant Requested</b>			
<b>Overheads (30% of Direct costs excl Capital)</b>			
<b>Total DTIF Contribution Requested</b>			

<sup>7</sup> List the roles per partner in the Footnote: title and role in project (new or existing staff; no. of months on project; % time commitment; cost).

DECLARATIONS

	YES/NO
The lead partner declares to have the explicit consent of all applicants on their participation and on the content of this proposal.	
The lead partner hereby declares that each applicant has confirmed:  1) eligibility in accordance with the criteria set out in the specific call for proposals (section 5 of the Guide for Applicants refers); and  2) financial and operational capacity to carry out the proposed action.	
The lead partner hereby declares that each enterprise applicant has confirmed that it is not an Undertaking in Difficulty (UiD) (as defined in Appendix 1 of the Guide for the Applicants).	
The lead partner declares responsibility for the correctness of the information relating to his/her own organisation. Each applicant remains responsible for the correctness of the information related to him/her and declared above. Where the proposal is approved for DTIF funding, the lead partner and each beneficiary partner will be required to present a formal declaration in this respect.	
The lead partner declares that this proposal has not been submitted to the other NDP Funds (Urban, Rural, Climate Action).	
The lead partner declares that this project has not received any other grant aid – either from Irish agencies or EU funds.	
Please indicate if your project will involve:	
• Activities or results raising security issues;	
• 'EU-classified information' as background or results.	
<b>Restrictive Measures in Force</b>  The Company represents and warrants that it is not directly or indirectly, or the Promoter represents and warrants that the Company will not be directly or indirectly, by way of funding or shareholding, covered by Articles 1 and 2 of the European Council decision, (2014/145/CFSP) of 17 March 2014, and subsequent Regulations (960/2014, 1290/2014 and 833/2014) concerning restrictive measures in respect of actions undermining or threatening the territorial integrity, sovereignty and independence of Ukraine. Further information available <a href="#">here</a> .	
<b>Processing of Data, including Personal Data</b> is in compliance with the <b>General Data Protection Regulation</b> (the “GDPR”) and Data Protection Acts 1988 to 2018.  Information, including your Personal Data provided in this DTIF Funding Application will be processed by Enterprise Ireland, IDA Ireland, Science Foundation Ireland, the Department of Enterprise, Trade and Employment (the “DETE”) and a Review Panel	

<p><b>of International Experts for the purposes of evaluating applications and selecting a ranked list of Projects for funding.</b></p> <p><b>We, Enterprise Ireland, IDA Ireland, Science Foundation Ireland and the Department of Enterprise, Trade and Employment would also like to contact you from time to time to provide you with information and updates in relation to new projects or other funding supports that may be of interest, or to seek your views as part of a broader evaluation of the Fund.</b></p> <p><b>I understand that my Personal Data will be processed by the above bodies, including Enterprise Ireland, IDA Ireland, Science Foundation Ireland and the Department of Enterprise, Trade and Employment. This processing will be conducted in accordance with the various <i>Privacy Policies</i> of these bodies.</b></p> <p><b>We request that you read the above notification carefully and that you ensure that it is made available to any data subjects (e.g. your employees and project partners) whose personal data you provide to us.</b></p> <p><b>By giving your consent, you confirm that:</b></p> <p><b>(a) you have complied with your own data protection obligations in respect of the personal data that you supply to us and that you are entitled to disclose such personal data to us; and</b></p> <p><b>(b) you will ensure that the above is sent to data subjects (e.g. your employees and project partners) whose personal data you provide to us.</b></p> <p><b>I consent to the above bodies processing my Personal Data to contact me in the future to provide me with information about projects or initiatives or funding supports, or to seek my views as part of a broader evaluation of the Fund. I understand that I can Opt-Out from receiving these communications by e-mailing: <a href="mailto:dtif@enterprise-ireland.com">dtif@enterprise-ireland.com</a>.</b></p>	
---	--

The partners in the consortium have consented to provide the following contact details which can be used when seeking the views of their organisation as part of a broader evaluation of the Fund.

Partner 1

Name	
Organisation Name	
Position	
Email Address	

Partner 2

Name	
------	--

SAMPLE

Organisation Name	
Position	
Email Address	

Partner 3

Name	
Organisation Name	
Position	
Email Address	

# Part B

## Table of Contents

GENERAL PROJECT INFORMATION .....	12
0.1 Project Context .....	12
0.2 Proposed Solution .....	12
SELECTION CRITERION 1: STRENGTH OF THE DISRUPTIVE TECHNOLOGY DIMENSION .....	12
SELECTION CRITERION 3: ECONOMIC IMPACT & SUSTAINABILITY .....	14
SELECTION CRITERION 4: QUALITY & EFFICIENCY OF THE COLLABORATION.....	15
SIGNATURES .....	19
ADDITIONAL INFORMATION ABOUT THE CONSORTIUM .....	20
PARTICIPANT No. 1 (COORDINATOR) .....	20

## GENERAL PROJECT INFORMATION [MAX 3-6 pages]

### 0.1 Project Context

Describe the problem or need. What is the current situation in the market(s) that could be disrupted?

### 0.2 Proposed Solution

Describe the solution proposed – what is the big picture vision and what would the impact be of the Disruptive Technologies Innovation? Why now? Explain the historical evolution of your project and define recent trends that make your solution possible. Applicants are advised to consult the Disruptive Technologies Innovation Fund [Guide for Applicants](#) and make specific reference to the National Strategic Outcomes (NSOs) in Project Ireland 2040.

## SELECTION CRITERION 1: STRENGTH OF THE DISRUPTIVE TECHNOLOGY DIMENSION

[MAX 4 pages]

- Proposal demonstrates strong potential to “disrupt” technologies in global markets through the development of new disruptive technologies or by deploying or integrating existing technologies.
- Proposal will build on existing manufacturing capabilities and will advance those capabilities to deliver new solutions.
- Proposal involves collaborating on “industrial research” and/or “experimental development” as defined in COMMISSION REGULATION (EU) No 651/2014 and in general will be expected to fall within Technology Readiness Levels 3-9. See Appendix 1 of the Guide for Applicants for further details.
- Risk profile of the proposal provides justification for State support, i.e., project presents risks or scale associated with innovation especially for growth, sustainability and productivity-enhancing disruptive technologies.

SAMPLE

SELECTION CRITERION 2: EXCELLENCE OF THE OVERALL PROPOSAL AND APPROACH [MAX 4 pages]

- Clear and relevant project objectives.
- Soundness of the concept.
- Credibility of the proposed methodology.
- Extent that the proposed work demonstrates innovation potential (e.g. ground-breaking objectives, novel concepts and applications).
- Quality and efficiency of the (outline) work plan (project is deliverable (in a typical 2 to 3-year timeframe) based on the work packages described).

## SAMPLE

### SELECTION CRITERION 3: ECONOMIC IMPACT & SUSTAINABILITY [MAX 4 pages]

- The proposal has the potential to significantly alter markets and their functioning and/or significantly alter the way that manufacturing businesses operate through the creation of new business models.
- Proposal demonstrates potential to enhance innovation capacity of manufacturing partners (RD&I performance, ability to engage with and deploy disruptive technologies in the future) and especially SMEs.
- Proposal demonstrates potential to create significant new market opportunities and exports, support job creation and retention, strengthen competitiveness and growth of the partner companies within a 3 to 7-year timeframe.
- Proposal considers the further stages and activities needed to commercialise the innovation.
- Proposal demonstrates positive contributions to the low carbon / sustainability targets in the Climate Action Plan<sup>1</sup>. It neither hinders the achievement of Ireland's climate objectives nor has other significant negative environmental impacts.

SELECTION CRITERION 4: QUALITY & EFFICIENCY OF THE COLLABORATION [MAX 4 pages]

- Strength and credibility of the partners in the consortium to deliver on project goals.
- Collaborations have an established manufacturing company.
- Appropriateness of allocation of tasks, ensuring that all participants have a valid role and adequate resources in the project to fulfil that role.
- There must be a strong project management structure.
- There must be at least one SME involved in every consortium with SME(s) in a consortium having an integral role in the project.
- Financial and other resources mobilised across the consortium provides appropriate co-funding against the DTIF contribution.
- Appropriateness of management structures and procedures, including risk and innovation management.
- Complementarity of the participants and extent to which the well-balanced consortium, as a whole, brings together the necessary expertise.

*Insert the following here:*

Please note that Tables 1 to 8 must be completed to be considered for funding. Table 9 must be completed where there is an RPO partner.

Please note also that details of eligible funding costs are set out in section 8 of the Guide for Applicants.

**GANTT Chart: Timing of Work Packages and their components**

**Table 1. List of work packages**

<b>Work package No</b>	<b>Work Package Title</b>	<b>Lead Participant No</b>	<b>Lead Participant Short Name</b>	<b>Person-Months</b>	<b>Start Month</b>	<b>End month</b>
1						
2						
3						
4						
			Total months:			

**Table 2. Work package descriptions – please copy for each work package.**

<b>Work package number</b>		<b>Start Date</b>				M1
<b>Work package title</b>						
<b>Participant number</b>	1	2	3			
<b>Short name of participant</b>						
<b>Person/months</b>						

**Objectives**

**Description of work** (where appropriate, broken down into tasks), lead partner and role of participants

**Deliverables** (brief description and month of delivery)

D1.1 title (M1)

**Milestones**

MS1 title (M6)

Resources assigned to work packages should be in line with their objectives and deliverables. You are advised to include a distinct work package on 'management' and a distinct work package on 'commercialisation (dissemination and exploitation)' and communication activities.

**Table 3. List of Deliverables**

<b>Deliverable (number)</b>	<b>Deliverable name</b>	<b>Work package number</b>	<b>Short name of lead participant</b>	<b>Type</b>	<b>Delivery date</b>
D1.1		1			M6

Deliverable numbers in order of delivery dates. Please use the numbering convention <WP number>.<number of deliverable within that WP>. For example, deliverable 4.2 would be the second deliverable from work package 4.

Delivery date: Measured in months from the project start date (month 1)

Type: use one of the following codes:

R: Document, report (excluding project periodic or final report)

DEM: Demonstrator, pilot, prototype, plan designs

DEC: Websites, patents filing, press & media actions, videos, etc.

OTHER: Software, technical diagram, etc

**Table 4. List of Milestones**

Milestone number	Milestone name	Related work package(s)	Due date	Means of verification

Estimated date: measured in months from the project start date (month 1)

Means of verification: show how you will confirm that the milestone has been attained. Refer to indicators if appropriate. For example: a laboratory prototype that is 'up and running'; software released and validated by a user group; field survey complete and data quality validated.

**Table 5. Critical risks for implementation**

Description of risk	Work package(s) involved	Proposed risk-mitigation measures

**Table 6. Summary of staff effort**

Participant No/Short Name	WP1	WP2	WP3	WPn	Total Person/Months per Participant
1/XX					
TOTAL:					

---

**SIGNATURES**

All partners must sign to confirm a) consent to participation, b) financial and operational capacity and c) the enterprise is not an Undertaking In Difficulty.

**Researchers in RPOs must obtain Research Office approval for submission.**

**PARTNER 1**

Name of Authorised Officer [Please Print]	
Signature of Authorised Officer	
Name of Company / RPO [Please Print]	
Date	

**PARTNER 2**

Name of Authorised Officer [Please Print]	
Signature of Authorised Officer	
Name of Company / RPO [Please Print]	
Date	

**PARTNER 3**

Name of Authorised Officer [Please Print]	
Signature of Authorised Officer	
Name of Company / RPO [Please Print]	
Date	

**ADDITIONAL INFORMATION ABOUT THE CONSORTIUM**

***This section is not covered by the page limit.***

The information provided here will be used to determine the suitability of the individual consortium members and the consortium as a whole for achieving the stated project objectives. Applicants may wish to include a brief profile of individual consortium members and highlight relevant key achievements. Please make sure that you do not include information here that relates to the headings above. Experts will be instructed to ignore any information here which appears to have been included to circumvent page limits applying to those sections.

Please provide for each participant [MAX 1 page per partner]:

**PARTICIPANT No. 1 (LEAD PARTNER COORDINATOR)**

<b>Name of participant</b>	
<b>Short name of participant</b>	
<b>Contact Name</b>	
<b>Email address</b>	
<b>Phone Number</b>	
<b>Names and e-mail addresses of two Company Directors or Authorised Officers who have the capacity to sign, on behalf of the company, legal agreements with Enterprise Ireland via DocuSign eSignature</b>	

<b>Organisation Profile</b>
-----------------------------

<b>Team</b>
-------------

<b>Evidence relevant to call content</b>
--