

We Want to Innovate Communities

Innovating Communities is a training program to strengthen local development and communityled action across Donegal, Leitrim, Sligo, Cavan, Monaghan and Louth.

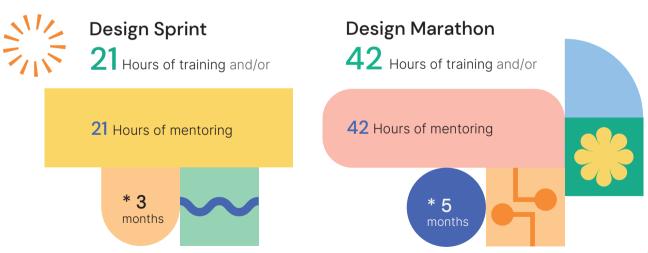
The program will provide training in Design Thinking and encourage people across the Border Region to take part in a community of fellow learners, with 'Teams' of 'Challengers' focusing on local challenges and developing sustainable solutions to improve community life.

Design Thinking is a mindset and process that uses certain tools to drive innovative and empathetic thinking from day one, putting people at the heart of solving challenges. It can be applied to any challenge from helping young people access better job opportunities to developing a tourism strategy for a group of villages. It can tackle defined challenges and complex challenges, referred to as wicked problems, such as climate change.



Running the Race

There will be two types of training course. One course is longer and more in-depth, the other is a shorter one; these are called Design Marathons and Design Sprints. Both courses will be delivered in a way that is suitable for the people who have submitted the challenge and for the co-trainer matched with that challenge. Icecream architecture will lead the training and will work with a co-trainer to facilitate the sessions. The co-trainer will be a member of the community, and bring local knowledge and context to the project, while providing connections to wider networks. The course will generally run weekly, as a series of 2 hour sessions. The duration and length of each course can be changed to best fit the team of Challengers.*



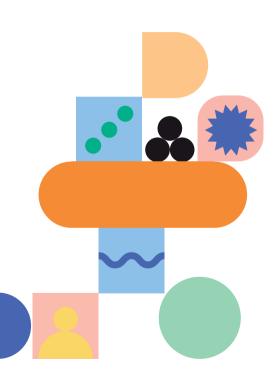
Why Design Thinking?

"Design Thinking is an iterative process in which we seek to understand the user, challenge assumptions, and redefine problems in an attempt to identify alternative strategies and solutions"

Rikke Friis Dam and Teo Yu Siang, "What is Design Thinking and Why is it so Popular?"

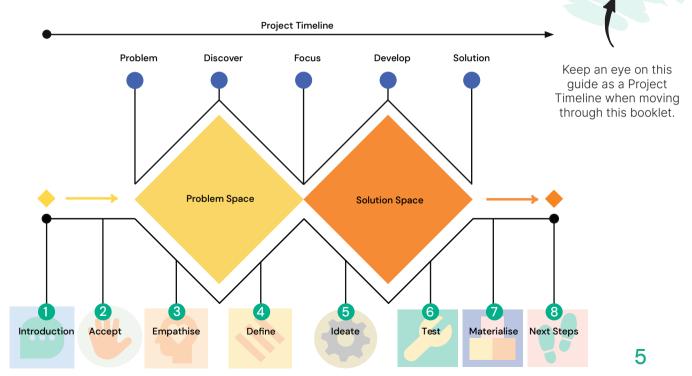
Design Thinking is for everyone. It lays out a clear path for people to follow and encourages a positive mindset for people to learn about each other and discover hidden needs. The process can apply to any Challenge, from helping young people access better job opportunities to developing a community wind farm.

No matter how big or small your Challenge or community, Design Thinking can be used to problem-solve for positive change.



The Design Thinking Process

The double diamond diagram below maps the development of a project using the Design Thinking process. The training course is formed of a series of lessons, which move through the various stages of Design Thinking, incorporating a diverse range of activities and methods at each point. Refer to the double diamond diagram as a guide.



Training Stages

Introduction

01



Getting to know one another and the programme.

Acceptance

02



Exploring the Challenge at hand and our strengths as collaborators.

Empathise

03



Understanding the needs of real people in order to create human-centred solutions.

Define

04



Refining the scope and focus of the project based on the research undertaken.

Ideate

05



Broadening the horizons and creating innovative solutions to the challenge.

Test

06



Developing and improving on ideas through iterative prototyping.

Materialise

07



Discussing and exploring how we might implement our proposed solution.

Next Steps

08



Reflecting on the process and looking to the future.

01 Introduction



The first stage of training is aimed at familiarising the group with the various tools that we will use to deliver the course. This phase will allow the whole team to get to know one another as well as introducing the co-trainer and trainer who will facilitate the training programme.

Stage Outputs

Challengers gain confidence in using tools, training material and Design Thinking. Team graphics, slogans and team introduction activities will help foster creative collaboration.

Exploring the challenge and our strengths.

Core Lessons

- Welcome
- Your network
- Using our tools
- Building empathy
- Nature of innovation

Process Principles

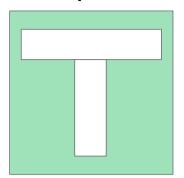
Though it may seem difficult, trust the process. see following page for example activity.

Project Timeline

We are here!



Example Activity T-shaped Profile

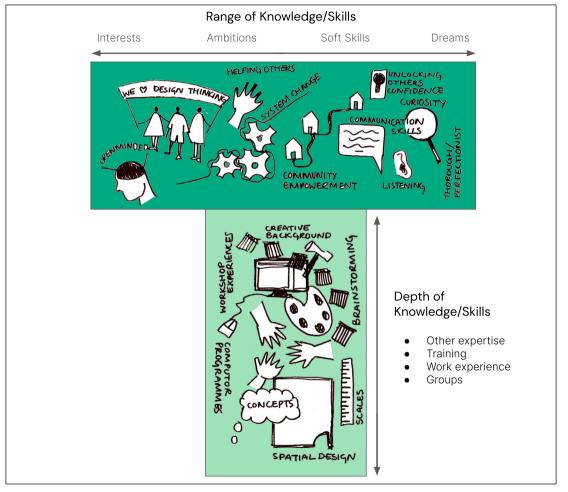


About

A T-Shaped Profile is a tool that allows you to display and explore the range and depth of your skills. It provides a simple space and format to introduce yourself to the other members of the group. This activity will enable your team to get know one another, in order to to build an understanding of the range and depth of skills that you collectively possess.

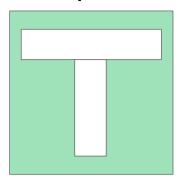
Task

- Fill in your T-Shaped profile with the range (horizontal) and depth (vertical) of your skills.
- Share among one another in the group - what are your similarities and differences?



Example Activity T-shaped Profile

WORKSHEET Use this empty activity board to practice and try out this stage of Design Thinking.

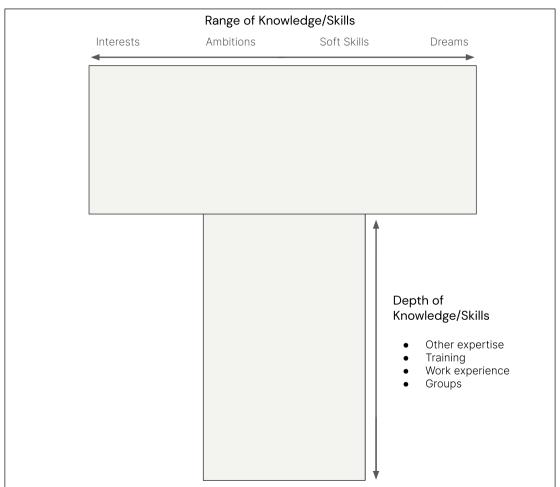


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- Share among one another in the group - what are your similarities and differences?



01 Reflect



The process of reflection helps us to develop our understanding more deeply and to make our intuitive knowledge shareable with others.

What three main insights did you learn in this session?

How will these insights help you to move forward?

Process Principles

Though it may seem difficult, trust the process. Celebrate team diversity.



O2 Acceptance



The acceptance stage of the training assists teams in exploring the challenge to be tackled. This stage encourages the team to share and discover one another's strengths as well as the roles they might play throughout the programme. The group should bond and think collectively about working towards a common goal.

Stage Outputs

An analysis of services, the creation of mind maps, research collages and a written project brief will give the challenge direction.

Understanding the role that others play in the design process.

Core Lessons

- Unpicking assumptions
- Identifying relationships
- Challenge context
- Hopes for the future

Process Principle

Everyone who collaborates has a valid and unique perspective. See following page for an example.



"This is the first time this strategic innovation and Design Thinking approach has been used in the context of cultural tourism development in Ireland. This is important as many of Ireland's cultural and heritage resources remain hidden from both citizens and visitors."

Case Study O2 / Accept

Merrion Square

Overview

Merrion Square is a striking Georgian Square and public park located very close to the centre of Dublin.
36 stakeholders from Ireland's greatest cultural and hospitality establishments formed the Merrion Square Innovation
Network (MSIN) to collaborate and develop the Square into a new, thriving destination for tourists and locals

Design Thinking workshops were held to teach the skills and forge the connections needed to build a fresh approach. The participants used new skills like; customer insight, ideation, prototype development.

Outcome

Since 2012, the activities around Merrion Square have been ongoing, and the area continues to be a bustling hub of activity.

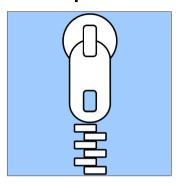
The success of this project created a renewed interest from other organisations, with the City Council providing a free wifi zone, 'Supper on the Square' hosting dinners in some of the historic buildings, and an outdoor cinema company screening classic movies in the park.



See following page for example activity.

Example activity Thoughts Unzipped

The below example shows an activity that has been used in the Acceptance stage of the training.

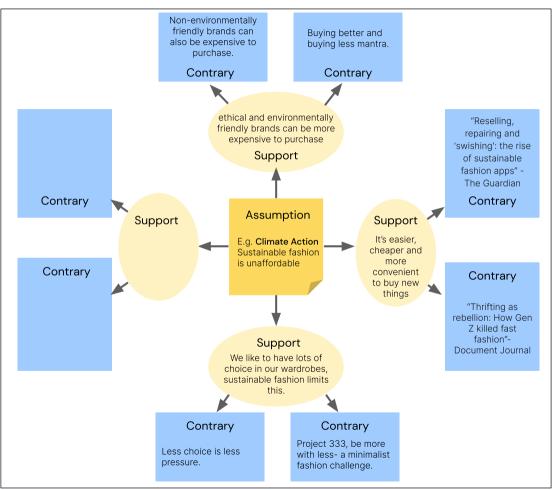


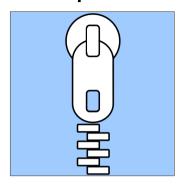
About

Thoughts Unzipped is about acknowledging that we arrive at training with potentially unverified information about the challenge. This activity is an opportunity to check in on that information and consider which statements are truths and which are perhaps theories.

Task

- In your team, insert your chosen Challenge Assumption in the centre of the diagram opposite.
- As a team, fill in statements that support your presumptions inside the circles.
- In the squares, consider what information could contradict your presumptions.



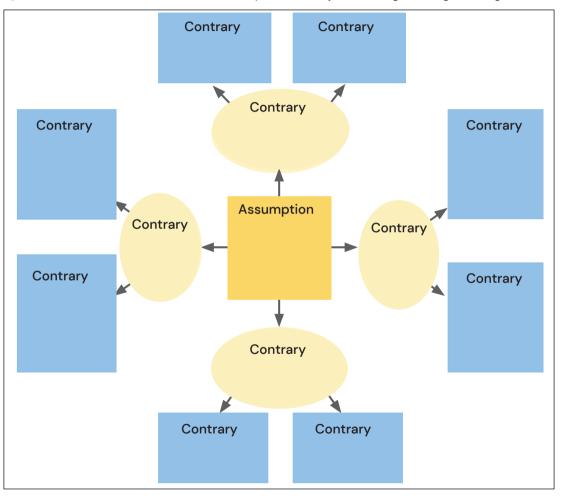


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O2 Acceptance



The process of reflection helps us to develop our understanding more deeply and to make our intuitive knowledge shareable with others.

What three main insights did you learn in this session?

How will these insights help you to move forward?

Process Principles

Everyone who collaborates has a valid and unique perspective.



03 Empathise



In this stage the team are encouraged to seek out information and opinions by engaging with stakeholders in the community. This is done by conducting secondary and primary user-centred research to understand those that are impacted by the challenge. These research methods allow the team to incorporate and respond to the stakeholders' needs, as the team begin to design community led solutions during the later stages of the course.

Stage Outputs

Challengers will complete a stakeholder map, a timeline plan, a synthesis of case studies from primary and secondary research and an action plan aimed at gaining insights from the community.

Core Lessons

- Identify stakeholders
- Empathy Mapping
- Case study research
- Analysing research
- Planning community engagement

Process Principle

Set aside your assumptions and listen to the needs of others. See following page for an example.

Project Timeline
We are here!



Case Study O3 / Empathise

Back to the Future for Town Squares

"A people-centred approach to the design of these environmental and community resources is rare."

Overview

An extensive project aiming to improve the quality of market squares in Irish towns, looking to the past to provide direction for how we might accommodate change for the future.

Market squares in Ireland historically acted as multi-functional spaces for economic and social activity. They were squares for exchange of goods, but also public spaces for the exchange of ideas, for debate and protests. In modern small town market squares, that list of priorities has changed and their use for community interaction is much more limited.



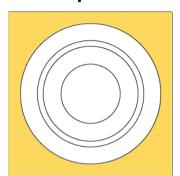
Joined-up thinking helped to create networks and trust through collaborative design processes, opening up an extended public conversation about the future of their town that is inclusive and open to all.

"Participatory design processes act as a framework to connect the aspirations of the community to the imagination and innovation of the design professionals and other local actors...This framework offers a route back to 'a space for opportunity, a democratic space, an unprogrammed and free of uses not yet conceived' space."

The below example shows an activity that has been

used in the Empathise stage of the training.

Example Activity Project Community

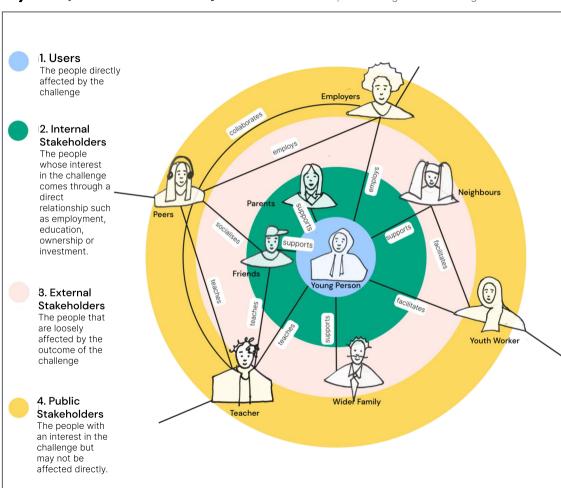


About

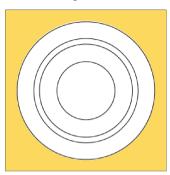
Stakeholder maps clarify the connections between different groups, identifying and reflecting upon the interests and power structures that exist in a community.

Task

- Position each stakeholder in one of the coloured bands within the circle, using the key to quide your choices.
- Draw links between the stakeholders and identify what the connections are by annotating and labelling these lines. Try to consider whether the connection is supportive and the strength of this relationship, and what type of information might ordinarily be shared.



Example Activity Project Community



About

Stakeholder maps clarify the connections between different groups, identifying and reflecting upon the interests and power structures that exist in a community.

Task

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1. Users

The people directly affected by the challenge

2. Internal Stakeholders

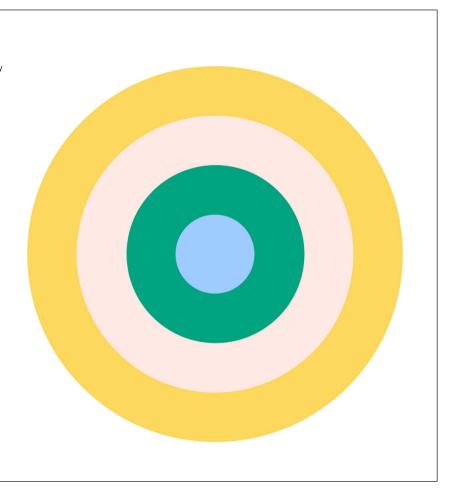
The people whose interest in the challenge comes through a direct relationship such as employment, education, ownership or investment.

3. External Stakeholders

The people that are loosely affected by the outcome of the challenge

4. Public Stakeholders

The people with an interest in the challenge but may not be affected directly.



03 Empathise



The process of reflection helps us to develop our understanding more deeply and to make our intuitive knowledge shareable with others.

What three main insights did you learn in this session?

How will these insights help you to move forward?

Process Principles

Set aside your assumptions and listen to the needs of others / Walk in the shoes of another.

Project Timeline
We are here!



04 Define



Using the collected information from the Empathise stage, the team will define a brief. The brief will set the direction and parameters for the group, to start developing ideas and proposals in the next stages. They should keep referring back to the findings and insights from the Empathise stage. The brief will frame the potential opportunities for tackling the challenge, and provide a direction to move forward.

Stage Outputs

Challengers can distil information by affinity mapping, persona creation and future casting in order to tackle future challenges.

Focus the challenge in response to human-centred insights.

Core Lessons

- Persona creation
- Affinity mapping
- Selecting the right challenge
- Writing a brief

Process Principle

Solve the right problem; solve the problem right! see following page for an example.

Project Timeline

We are here!



Case Study 04 / Define

Waste Search Tool

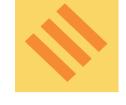
"Welcome to MyWaste, Ireland's official guide to managing your waste."

Overview

This BETA project explores the way people deal with their waste, in the hope of simplifying the process.

The participants conducted research and discovered the following insights

- People were not aware of where to take waste.
- People did not know the correct terms to find the correct information.
- Information typically comes in long lists with vague descriptions that can be difficult to follow

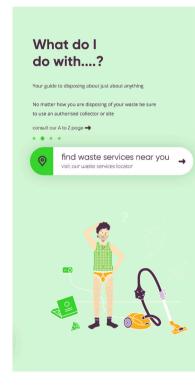


Outcome

The team wanted to create a simple search tool for people to easily find out how they can dispose of their waste.

They created an initial prototype tool which has evolved into a functional website. The idea is that someone can enter their address, and it will tell them everything that they need to know in a very simple way.

Dublin City Council BETA worked with a number of volunteers who predominantly created this tool.



See following page for example activity.

The below example shows an activity that has been

used in the Define stage of the training.

Example Activity Personas

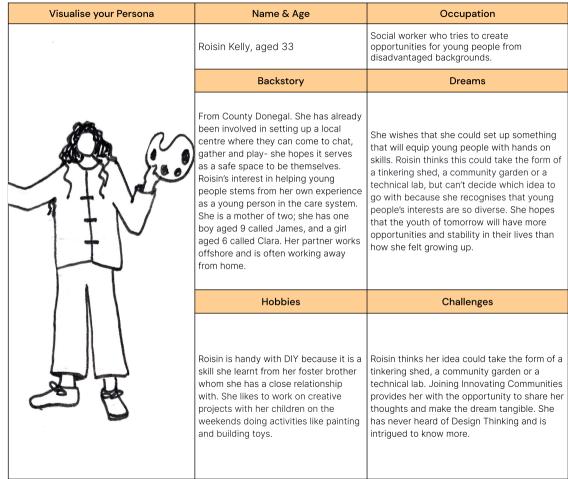


About

Creating an engaging persona helps you to empathise with the numerous users affected by your challenge. This activity is about imagining a fictional character who could represent someone on your stakeholder map, who is a member of your community. You will refer back to this persona when you progress through the design thinking stages. The example persona on the right represents someone hoping to become a Challenger in Innovating Communities.

Task

- Fill out the table to create a persona.
- Visualise your persona using images, collage, or drawings to illustrate their character.



Example Activity Personas



About

Creating an engaging persona helps you to empathise with the numerous users affected by your challenge. This activity is about imagining a fictional character who could represent someone on your stakeholder map, who is a member of your community. You will refer back to this persona when you progress through the design thinking stages. The example persona on the right represents someone hoping to become a Challenger in Innovating Communities.

Task

- Fill out the table to create a persona.
- Visualise your persona using images, collage, or drawings to illustrate their character.

Visualise your Persona	Name & Age	Occupation
	Backstory	Dreams
	Hobbies	Challenges

04 Define



The process of reflection helps us to develop our understanding more deeply and to make our intuitive knowledge shareable with others.

What three main insights did you learn in this session?

How will these insights help you to move forward?

Process Principle

Solve the right problem; solve the problem right!

Project Timeline
We are here!



05 Ideate



Now that the challenge is defined, the team is ready to generate an abundance of ideas - there are no bad ideas at this stage, as limitations shouldn't be considered! The Ideate phase will keep the focus on those affected by the challenge by referring back to the outputs and information gathered in the Empathise stage. The techniques demonstrated in this phase will guide the team to think outside the box and stimulate a broader understanding of the project.

Stage Outputs

Challengers will generate a range of creative and innovative ideas. Each idea will be considered, and relevant ideas will be brought together. Ideas with the most traction will be selected for testing at the next stage.

Core Lessons

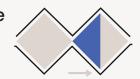
- Generating ideas
- Storyboarding
- Moodboard making
- Filtering ideas for testing

Process Principle

Sometimes the best ideas come from the most unassuming places. See following page for an example.

Project Timeline

We are here!



V&A Community Garden Overview

"It's through those first steps (of Design Thinking) that people can start to shape - and ultimately change their own environment."





The V&A Dundee Community Garden project is an innovative example of creative co-design that involved the local community in a piece of design work that will ultimately benefit their overall wellbeing.

The co-design team visited the site and recorded their initial responses to it, both through photography and through sketching.

The concept was 'the people's potting shed for a creative city a place you can go to escape. It was really important for the codesigners to realise their dreams within this garden.

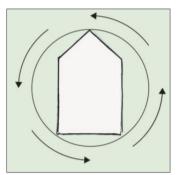
Outcome

Participants gained confidence through generating ideas and taking part in the process.

For people living with a range of different health and wellbeing issues, gardening is a great way of getting people outside, socialising and engaging in their local community. The garden is used for community workshops, design activities, but ultimately it's a space where all members of the public can come and enjoy and experience co-design.



Example Activity SCAMPER

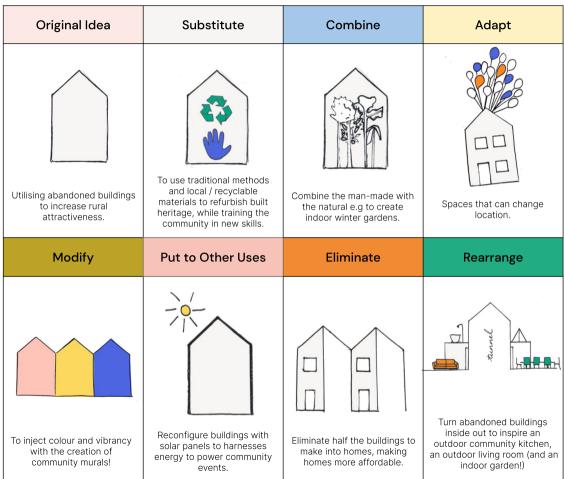


About

With SCAMPER, you can maximise and stretch your imagination to the limit. SCAMPER is a checklist for producing original and creative ideas. and an acronym for Substitute, Combine, Adapt, Modify, Put to Other Uses, Eliminate and Rearrange,

Task

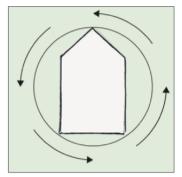
In your groups, take a few ideas forward from the idea generation activities and transform your service, space or product using SCAMPER as a prompt.



The below example shows an activity that has

been used in the Ideate stage of the training.

Example Activity SCAMPER



About

With SCAMPER, you can maximise and stretch your imagination to the limit. SCAMPER is a checklist for producing original and creative ideas, and an acronym for Substitute, Combine, Adapt, Modify, Put to Other Uses, Eliminate and Rearrange.

Task

In your groups, take a few ideas forward from the idea generation activities and transform your service, space or product using SCAMPER as a prompt.

Original Idea	Substitute	Combine	Adapt
Modify	Put to Other Uses	Eliminate	Rearrange

05 Ideate



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What three main insights did you learn in this session?

How will these insights help you to move forward?

Process Principle

Sometimes the best ideas come from the most unassuming places.

Project Timeline

We are here!



06 Test



Taking some of the key developments forward from the Ideation stage, the Team will begin to test some of their ideas. A series of low fidelity prototypes encourages quick decision making and stimulating discussions adopting the 'love it, change it, or leave it' approach. Testing their prototypes with potential users is essential to gain feedback on their project thus far.

Stage Outputs

Challengers will iterate chosen prototypes as well as creating an action plan to bring said prototypes to the community.

Experimenting with continuous evolving processes.

Core Lessons

- Prototyping
- Community testing
- Role-play
- Capturing feedback

Process Principle

Prototype and fail, early and often. See following page for example activity

Project Timeline
We are here!



Example Activity Products

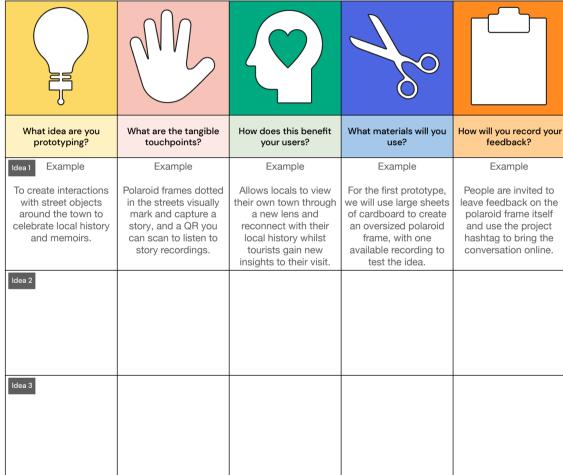


About

If you aim to create a product or space, use low quality materials to develop concepts quickly. In Design Thinking, we often say 'think by making'. Consider whether you should make oversized or small versions of your idea first.

Task

- Complete the table in your teams
- 2. Construct your prototypes
- Collect observations/feedback from team or public
- Repeat the process to develop the prototype





Case Study

Huntly



"A town centre that belongs to us."

Overview 06 / Test + Materialse

Huntly is a rural market town in the north east of Scotland with 5,000 people. The town centre had experienced a decade long decline of commercial businesses that once formed the key identity of the town.

A programme of workshops focused on assisting participants from local organisations and the wider community using the Design Thinking process.

Participants developed people-focused ideas that became potential solutions to local challenges. The community gained access to a number of vacant buildings on the town's main square. After several pop-up events in two of the buildings, they negotiated a six month rent contract with a former bank branch.

Outcome

Based on the success of the pilot, the community secured funding from the Scottish Land Fund to purchase the building for long-term use. In the 2 years following the community received investments from local organisations and gained community ownership of 3 key buildings on the town square.

06 Test



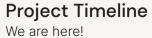
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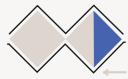
What three main insights did you learn in this session?

How will these insights help you to move forward?

Process Principle

Prototype and fail, early and often / Less talking, more do!





07 Materialise



With a developed prototype, the team can start to discuss how to implement their community led solution. The Materialise stage is about applying the learning and methods from the earlier stages, to converge on how the solution can be put into action.

Stage Outputs

The creation of a cohesive overview and rehearsed presentation of the project will allow for feedback from project stakeholders.

Communicating proposals and ideas.

Core Lessons

- Collating journey experiences
- Presentation preparation
- Stakeholder feedback gathering

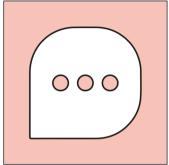
Process Principle

Being optimistic expands the horizons for opportunity. See following page for example activity.

Project Timeline
We are here!



Example Activity Present



About

By presenting your project journey to a focus group that represents your project community, there is an opportunity to reflect on all of your achievements, learnings, and idea developments - and to share it with the public!

Task

The speech boxes act as prompts to help you pull all aspects of your project journey together. Use these prompts to construct a loose transcript to present to your focus group.

Can you explain What does your Describe vour your Innovation innovation **Project Journey** project? project achieve? How has design What are your thinking helped What are your key insights? solve the next steps? challenge?

The below example shows an activity that has

been used in the Materialise stage of the training.

07 Materialise



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What three main insights did you learn in this session?

How will these insights help you to move forward?

Process Principle

Being optimistic expands the horizons for opportunity.





08 Next Steps



The last stage encourages reflection on the process and allows teams to consider how they might use Design Thinking in future projects. Challengers should be empowered to use the skills and experiences that they have gained, to put into practice plans and solutions that have have been developed during the course

Stage Outputs

Challengers come to an agreement regarding how to take their community led deisgn solutions further.

Gaining a deeper perspective on our own role in the design process.

Core Lessons

- Action plan creation
- Reflection of the process
- Reviewing the next steps

Process Principle

Small innovations are the foundations of greater social change.

Project Timeline
We are here!



What It Asks From You

Challenger Commitments

Attend and Participate

As a challenger, you will be expected to attend and participate in the weekly group training sessions, which will last 2 hours.

One to One Sessions

One to One mentoring sessions are available to challengers, in between training sessions, to help develop or clarify content to support your journey.

Independent Activity

Beyond the weekly sessions, you should dedicate 1-2 hours of time to allow for some self-led research or activities, and to look at video material and articles provided by the trainer, that relate to the course.

User Research

At certain points in the course, the team will engage directly with their community and potential users to gather insights that will shape their community led design solution.



Reflections your thoughts

What are your 3 biggest takeaways from the project?

What are your hopes for Innovating Communities?

Do you have any fears about Innovating Communities?

What does Design Thinking mean to you?

What would you like to investigate further?

Designing Our Future

Connecting rural communities through shared challenges and opportunities will give strength in numbers and build leverage to secure investment and development. It can build networks of thinking by bringing together people of every background in their local area to understand what they share and what they can improve. By focusing on overcoming issues collaboratively and working through a set process, people can fully understand what solutions will work best for everyone.

Design Thinking is used by the most successful companies in the world including Apple, Netflix and Google. Their use of these processes has ensured their success by continually evolving their offer to suit the needs of their customers. Communities can take these processes and make them their own - not working to the aim of securing customers or profit; but to improve the lives of everyone within the community.



Who Is Involved?

Icecream architecture are leading the Training Team for Innovating Communities. Icecream have 10 years experience in delivering citizen-led, community development projects and the creation of design-led training. The team have led a range of strategic projects that enable, encourage and enhance public participation in local challenges. Icecream will be supported by 37 local co-trainers who are volunteering their time to support active Challengers.



investing in rural areas

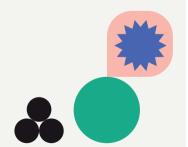




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Project Ireland
2040

Funded by the Department of Rural and Community Development

Space for Notes and Reflection:



Space for Notes and Reflection:

