



**ClieNFarms**  
Climate Neutral Farms

## ClieNFarms Scaling Toolbox

# The Socio-Technical Roadmap

### Future Forecasting

This tool is a very sensible next step tool having completed the Future Radars exercise. A huge number of unforeseen consequences, sudden shocks, external shocks etc can take place whilst doing systemic innovation. These have the potential to not only derail your project, but also cause unforeseen damage. Based on imagined chains of change - imagine another pandemic, a recession, energy price spike etc, this tool enables you to plan various routes through to the future desired state. This gives you a strategy based on multiple variables. It is wise to do this with the key stakeholders involved, not just for their inputs but also so that everyone is in the loop on the twists and changes that could happen. We should also add, you can foresee everything, but in doing this exercise you flag up risks and plot mitigations and become a more flexible operator as a result. The Socio-Technical Roadmap is a tool from the from [The Visual Toolbox for Systems Innovation](#).

### Purpose

The Socio-technical roadmap helps you generate innovation pathways for the future based on chains of change. At the same time, it leads you to identify opportunities and risks in market, technologies, and social environments. By doing that you can start identifying, prioritising, and planning your future action as well as the resources and partners you will need. The Socio-technical roadmap provides you with a visual picture of the changes in the future, making it easier to produce your action plan.

### **Expected outcomes of applying the tool**

The tool will help you develop a set of pathways from the future to the present time and vice-versa, made up of changes and actions. As a result of them you can end up with a strategy for different stakeholders.

### **Preparation**

The tool builds on a collaboratively built vision, a clear description of your current system and situation as well as sources of information about trends or even potential breakthroughs.

### **Step-by-step guide to using the tool (Recipe)**

Please find step by step guide in [The Visual Toolbox for Systems Innovation](#) on pages 136 – 143.

### **Suggested follow up steps**

After carrying out a backcasting exercise you are ready to move into action.

### **Links and references**

[The Visual Toolbox for Systems Innovation](#) on pages 136 – 143.