

# Technology Strategy

Through our effective Technology Strategy services, we will help you understand the impact of technology trends on organisational strategy and to deliver improved future capabilities, with lower risk and lower cost.

Through our effective Technology Strategy services, we have identified, assessed and planned for future technology risks and opportunities - enabling our clients to understand the impact of policy decisions and deliver improved future capabilities, with lower risk and lower cost.



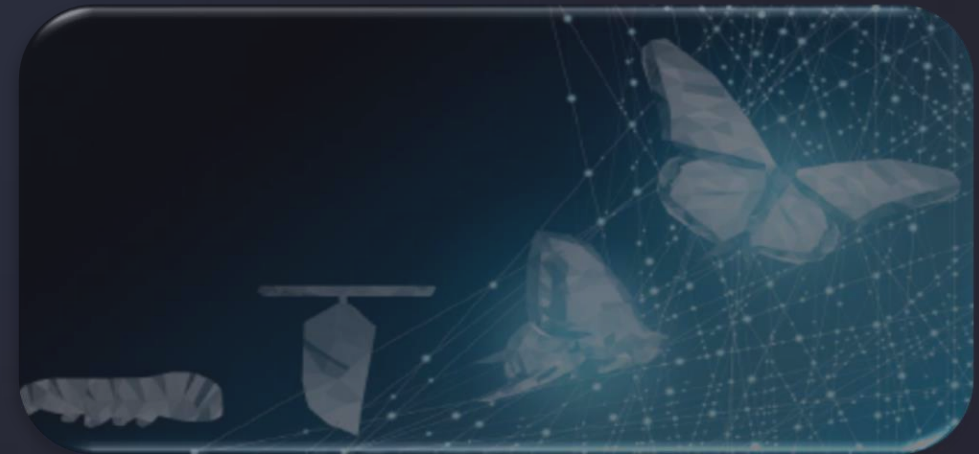
# Service Definition

We work with our customers to develop robust Technology Strategy. Our structured approach supports understanding of the value and risks of exploiting both novel and existing technologies. We draw on proven futures tools and techniques including Horizon Scanning, Scenario Planning/Visioning, Roadmapping/Backcasting and Cost/Benefit Modelling to build tailored, effective and proportionate approaches.



# Service Features

- Systems approach to understand, explore and answer your requirement
- Structured methods for exploring the future (including the Futures Toolkit)
- Exploration of new and emerging technologies and trends
- Assessment of potential future implications and applications for complex technologies
- Horizon Scanning to identify emerging strategic technology opportunities and risks
- Scenario Planning/visioning to understand visions of the future
- Roadmapping /backcasting to understand, assess and plan the development of technologies
- Cost/Benefit Modelling based options analysis to support business case decisions
- Development of technology taxonomies to support broad understanding
- An unbiased view of the state of the art





# Service Benefits

- Defined technology strategy objectives, and actions required to achieve them
- Supports robust decision making for uncertain futures
- Develops resilient plans for different eventualities
- Informs, tests and underpins policy decisions
- Informs future strategy, investment and business case decisions
- Explores potential new use cases enabled by emerging technologies
- Explores potential opportunities arising from new and emerging technologies
- Identifies potential barriers and risks which may prevent technology benefits
- Unbiased, impartial view of the state of the art



# Detailed Service Definition

Our Technology Management teams work with our customers to understand the value and risks of exploiting both novel and existing technologies using a structured Systems Engineering approach. We have extensive experience of identifying emerging technologies, developing technology roadmaps and understanding the influence of technologies from other industries. We help clients by:

- Defining technology strategy objectives, and the actions required to achieve them.
- Exploring possible future developments, and the challenges/opportunities they present.
- Stress testing technology strategies to ensure their robustness.
- Planning optimum development/adoption pathways and identifying 'no-regret' options.



# Detailed Service Definition

Using our systems approach we draw on proven tools and techniques to develop tailored approaches to understand, explore and answer your requirement. We draw on a wide variety of tools (including the Futures Toolkit) and techniques including:



## Technology Horizon Scanning

We use structured approaches to identify emerging strategic technology opportunities and risks



## Technology Scenario Planning

We provide expert support to understand visions of the future, capture the views of stakeholders and to develop strategies to realise client targets from the current state of technology



## Technology Roadmapping

We work collaboratively with stakeholders to develop technology roadmaps to understand, assess and plan the development of technologies. Our strategic roadmaps are tailored to communicate clearly and concisely



## Technology Cost and Benefit Modelling

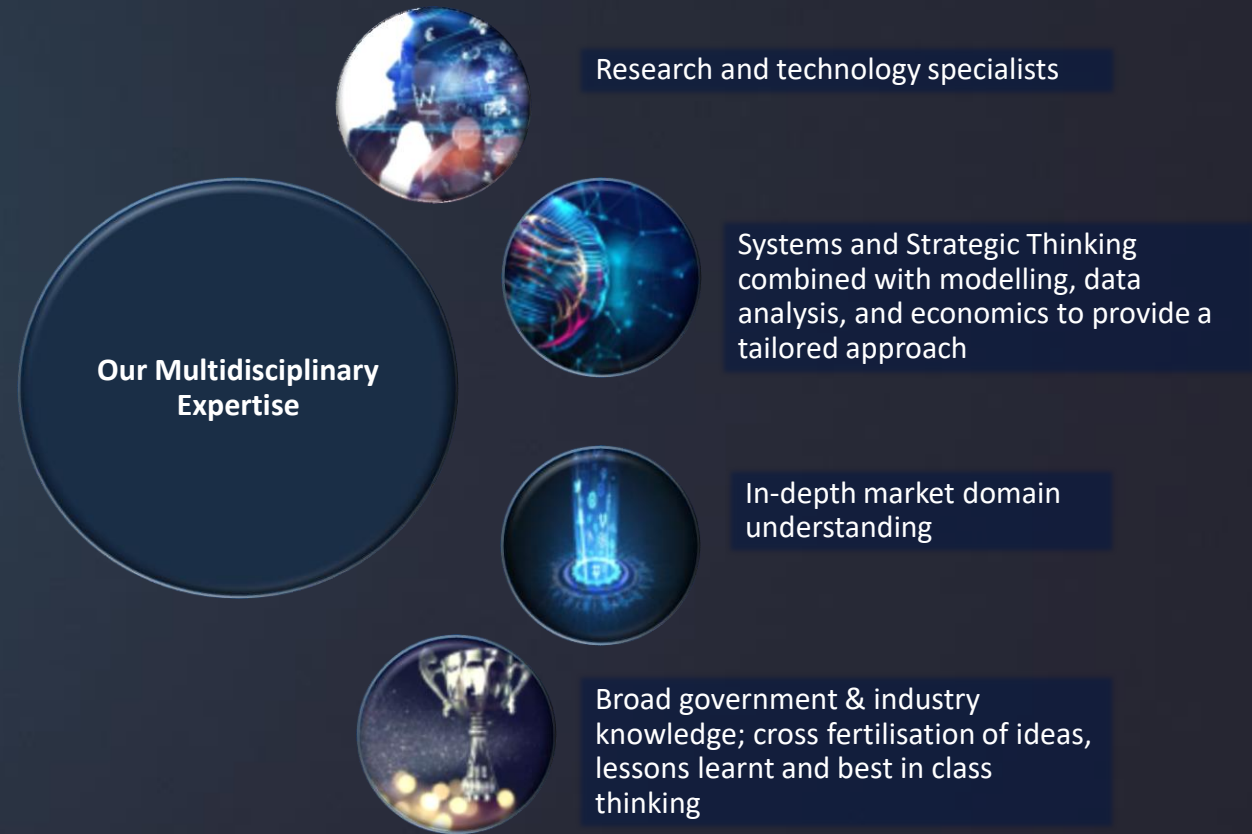
We deliver optimal, evidenced and defensible technology options analysis to support business case decisions



# Detailed Service Definition

We can provide insight from across industries when identifying technologies and predicting their development. Our independence from the supply chain enables us to consider all technologies without bias, while our extensive experience means that we can provide robust assessments across a broad range of technologies and applications.

Our multidisciplinary expertise includes:



# Detailed Service Definition

Our technology strategy services support:

## Robust decisions about the future

- Assessing the current state of the art and forecasting the potential future capability of technology systems – supporting good, timely investment decisions.
- Creating structured assessments of technology maturity and development risk to prioritise limited resources in the most challenging areas.
- Facilitating the creation of Roadmaps to align development/procurement plans with strategic objectives, consider alternative futures, identify options and decision points.
- Using systems engineering principles to create frameworks and models which improve alignment and understanding between “siloed” technical/commercial teams, clarifying dependencies and building confidence in timescales.

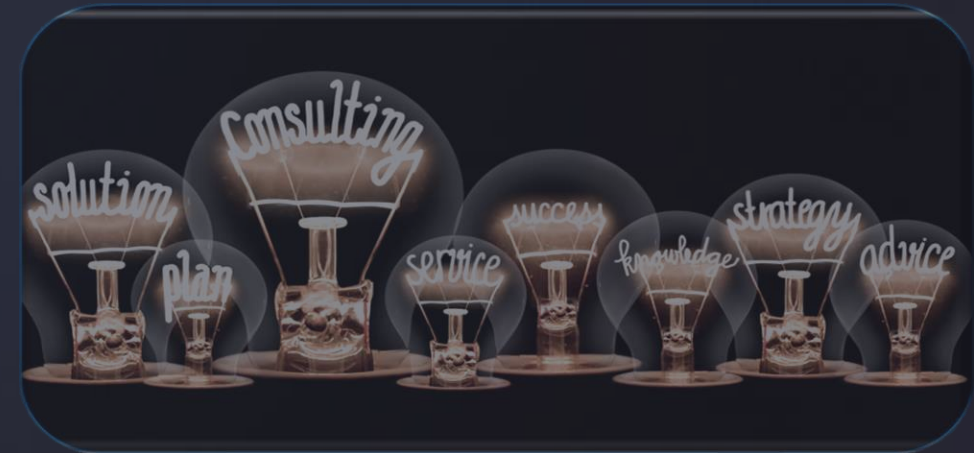
## Resilient plans for different eventualities

- Facilitating proactive strategic planning.
- Avoiding reactive or rushed response to change.
- Developing robust strategies underpinned by evidence.



# Why Frazer-Nash Consultancy?

We are an independent consultancy offering a broad range of cloud consultancy services. We have been at the leading edge of digital engineering and software development for over 35 years. We are 'solution agnostic' and provide truly independent advice. We are not tied to any hardware or software products; we design cloud-based solutions which are built on knowledge acquired from a broad range of applications developed across multiple platforms. We utilise this knowledge to add value to our clients through the technological advantages offered by cloud integration.



# Our Commitment to Quality

From every aspect of engagement and communication we are committed to providing services and deliverables of the highest quality, to ensure we continually meet and exceed the expectations of our customers. Our processes include suitable controls to ensure progress is closely monitored and decisions are appropriately scrutinised.

In addition to a project manager, every project has a dedicated project supervisor (who impartially monitors and approves monthly progress reports) and dedicated project auditor (who ensures quality is followed). At a deliverable level, all customer outputs are verified for technical accuracy, and approved as appropriate for their purpose by two independent reviewers. Our Quality Management Systems is certified to ISO 9001 and the TickITplus scheme (for software development).



# Our Security

Our processes and certification are fit to handle sensitive and classified information up to Top Secret. The majority of our staff are security cleared to at least SC and over 200 of our staff hold DV clearance. We are also experienced in handling highly sensitive commercial information, with the ability to separate teams as necessary for security and conflict of interest requirements. Our IT systems are certified to ISO 27001 and Cyber Essentials Plus.



# Our Approach to Subcontracting

Our large base of full-time staff can be supplemented where required through partner companies and trusted associates providing us with flexibility and scale whilst retaining control. We are adept at quickly subcontracting a range of organisations when needed, from sole traders to large multinational companies, through the lifecycle of a project. Our processes focus on identifying, assessing and contracting an appropriate supplier; defining a scope of supply; flowing down terms and conditions where appropriate, and managing risk to ensure the purchase is delivered on-time, within budget and to the required quality. This includes undertaking a due-diligence process to commercially and technically 'approve' the suppliers we work with.



# Resourcing

We employ over 1200 technical staff across all grades, from Follow to Set Strategy, with a vast range of specialities, backgrounds and experiences. To enable agile and flexible resourcing, we are grouped into a range of technical delivery areas (e.g. Information Systems, Cyber, Modelling, Software etc.), which can be applied to a range of sectors (e.g. Central and Local Government, Police, Health, Energy). This resource focus combines with our strong portfolio, programme and project management to allow us to monitor demand on a dynamic basis and respond to the changing demands of the project through its lifecycle.

Our staff work across a range of industry sectors allowing us to ‘cross-pollinate’ ideas and techniques between different domains. We build teams, led by a single responsible project manager, that are tailored to the specific challenge. We are fortunate to have a diverse range of capabilities within the same company, including information security, and human factors specialists. This allows us to efficiently and promptly deliver multi-disciplinary projects that meet your specific requirement.





## Our Commercial Approach

Our commercial approach is flexible to provide best service and value to our clients.

We will discuss with you the specifics of the support and services you require and build an appropriate commercial model to deliver this scope. This could be a defined scope fixed priced service, or provision of time and materials agreed day rates suitable for a developing scope.

Where you have service requirements for an extended period, and where we have control of the resource flexibility, we are also able to offer an agreed single blended day rate for support at a range of grades.



## Next Steps

To discuss your requirements in  
more detail or  
place an order for services  
please contact us at  
[ccs@fnc.co.uk](mailto:ccs@fnc.co.uk)