



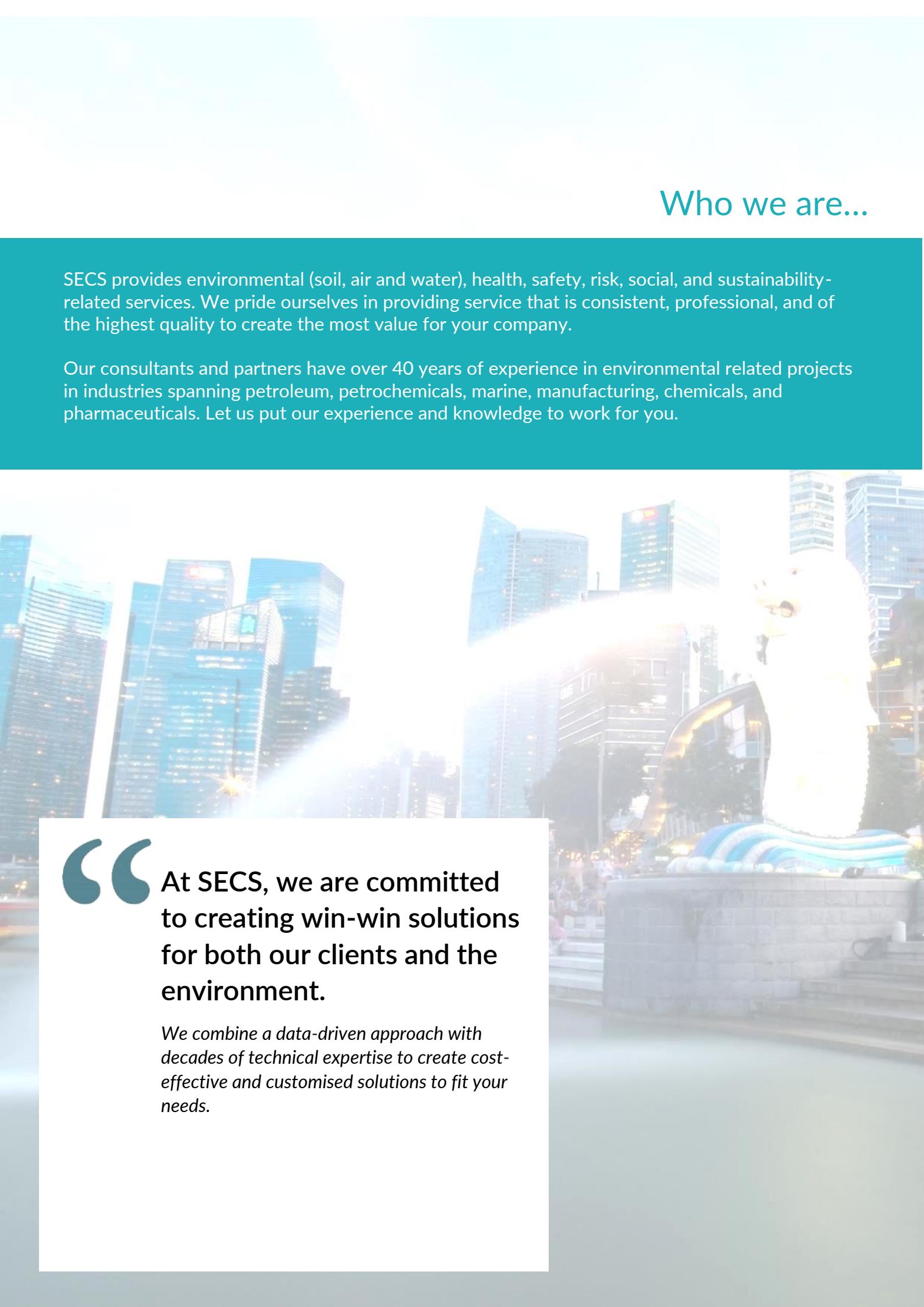
## Company Profile



## Who we are...

SECS provides environmental (soil, air and water), health, safety, risk, social, and sustainability-related services. We pride ourselves in providing service that is consistent, professional, and of the highest quality to create the most value for your company.

Our consultants and partners have over 40 years of experience in environmental related projects in industries spanning petroleum, petrochemicals, marine, manufacturing, chemicals, and pharmaceuticals. Let us put our experience and knowledge to work for you.

A large, white, stylized sculpture of a person standing on a pedestal, with a city skyline in the background. The sculpture is positioned on the right side of the image, and the city skyline is visible in the background. The image is a composite of two photos: the top half shows a city skyline with a large, white, stylized sculpture of a person standing on a pedestal, and the bottom half shows a city skyline with a large, white, stylized sculpture of a person standing on a pedestal.

“ At SECS, we are committed to creating win-win solutions for both our clients and the environment.

*We combine a data-driven approach with decades of technical expertise to create cost-effective and customised solutions to fit your needs.*





## ... And what we stand for

SECS was founded in 2014 by a team of multi-disciplinary experts with a global vision of protecting our natural resources with professionalism and expertise. We are constantly investing in new technology and monitoring methods to ensure fast and accurate results, all with the aim of providing our clients with the very best.

### Our Vision

- To deliver the best value for our clients
- To be the best technology provider in terms of modelling capabilities to assist our clients in predicting risk when embarking on environmental projects

### Our Values

- *Integrity* – we believe in upholding the highest level of ethical behaviour and personal integrity for all business
- *Trust* – we trust and empower our staff to maximize their learning potential and grow together with us
- *Strategic Alliances* – we believe in fostering business partnerships with individuals and organisations that will support the drive towards environmental conservation and sustainability

### Our Principles

- Providing our clients with value-added services and innovative solutions to help them resolve issues and respond quickly to challenges imposed with compliance in sustainable development
- Conducting our business honestly and uphold integrity when dealing with clients, employees, suppliers, and other stakeholders
- Understand, respect, and follow governing laws in countries where our business is conducted



# Environmental Baseline Studies

## Why conduct these studies?

Simply put, conducting an Environmental Site Assessment (ESA) or Environmental Base Study (EBS) is performing due diligence. Prior to developing or acquiring a new site, you need to be aware of any potential environmental liabilities and ensure that the proposed project complies with local legal and regulatory requirements.

### Phase I

Site audit and  
document review

### Phase II

Identification of COCs  
and developing  
sampling strategy

### Phase III

Site remediation  
(if necessary)



**Our strength lies in our people.**

*We have an in-house team specialized in performing Environmental Baseline Studies.*

*We also have decades of experience in conducting Phase I and II ESAs. Our environmental director, Donald Folkoff, has performed over 700 Phase II site assessments, as well as over 40 soil and groundwater risk assessments for contaminated properties in Singapore, Malaysia, and Indonesia.*

# Management of Contaminated Site

We safely develop sustainable solutions to address contaminated land management challenges. We work with our clients to understand the risk associated and assist them to achieve the best solutions to handle their contaminated sites.

The management plan will help them to achieve their goals to protect human health and ecology, satisfy their regulatory obligations, control costs and manage stakeholder expectations.



- Design of field investigations, monitoring programs and validation studies
- Decommissioning, Decontamination and Demolition (DDD) services
- Remediation Portfolio & Reserve Assessments
- Development of “Green” remediation techniques
- Development of Site Specific Conceptual Model and Site Specific Screening Levels
- Human Health and Ecological Risk Assessments
- Remedial Options Appraisal
- Remediation
- Remediation Engineering & Construction Management



# Biodiversity/Environmental Impact Assessments

We work with a team of multi-disciplinary consultants to identify environmental receptors required for the development of an Environmental Impact Assessment. These include scientists, biologists, zoologists, marine biologists, hydrodynamic modellers, and air modellers.

We will outline the potential environmental impacts for any proposed development, including physical, chemical, biological, environmental, and trans-boundary impacts before, during, and after construction.



## Land

Terrestrial studies are conducted through a multi-faceted approach, including tree inventory/mapping, vegetation association mapping, wetland drainage mapping, biodiversity studies, and land cover.

Modelling is done with **EcoRisk View**; an advanced ecological risk assessment program for conducting comprehensive multi-pathway risk assessments.

## Air

Understanding baseline ambient air quality is an important aspect of the EIA scoping process. Air modelling is done using **BREEZE** air dispersion software, which allows us to predict the concentration of the pollutant on various identified receptor sites.

## Water

Potential environmental receptors include examination of benthic communities, rocky shore communities, mangroves, phytoplankton, corals, seagrasses, wetlands, etc.

Hydrodynamic modelling is a must-have tool in the marine environment. SECS uses **Delft-3D**, which allows us to simulate the interaction of water, sediment, ecology, and water quality in time and space.



# Ambient Air Quality and Climate Change

Our Air Quality and Climate Change practice includes scientists and meteorologists working together to address any ambient air quality issues by providing customized solutions from project inception through to ongoing asset operation.

We provide solutions by proactively addressing air quality, energy efficiency, and carbon management challenges to enhance shareholder value.

- Ambient air impact assessments and monitoring
- Air pollution dispersion modelling using BREEZE® air dispersion modelling
- Toxicology and Industrial Hygiene Services
- Air pollution control technology assessment design/build turn key solutions
- Facility licensing and siting
- Emissions trading support and strategy
- Hazardous air pollutant compliance programs
- Litigation support

## Our Certifications

SECS is an approved consultant under Table A of NEA's list of consultants for soil remediation and assessment.

We are also a registered CR15 contractor with the Building Construction Authority (BCA) and Bizsafe Level 3 certified.

### E-mail Us

Contact us for a quote  
or enquiry at  
[marketing@secs.sg](mailto:marketing@secs.sg)

### Talk to Us

Call us at  
+65 6471 3316

### Visit us Online

Read about our case  
studies and industry  
insights at  
[www.secs.sg](http://www.secs.sg)

## Contact us

*Reach out to us through any of the channels listed on the right – we will get in touch to see how we can best serve you and your business.*

### Contact us Offline

34, Boon Leat Terrace,  
#05-15, Singapore  
119866