








## ENGINEERING & SCIENTIFIC SERVICES

	PLANNING 	BUILDING 	OPERATING 	IMPROVING 	EVOLVING 
Which stage best describes your current situation?	<p>You have an idea, concept or new venture that you are working hard to get off the ground. You are doing your homework, ticking off boxes and putting in place everything you need to bring your vision to reality.</p> <p>If you turn to Simmonds &amp; Bristow at the planning stage, we can work with you and your team to build your water, wastewater and environmental plans and get the approvals you need to move forward.</p>	<p>It's time to bring your project to life! You've secured the approvals you need and you're ready to translate those plans into action. Now you need to make sure it's done right.</p> <p>During the building stage, Simmonds &amp; Bristow can help you make certain that what you get is what you planned for.</p>	<p>Your project is ready to go! Now is the time for you to pursue your core vision for your business. We know that you'll be working hard to make it a success – and to obtain the rewards that you planned for.</p> <p>We know that the operating stage is when you need things to run smoothly – and to give you the results that you expect and need. From getting started to ongoing operations, we can help you to stay on track.</p>	<p>When your business has been operating for a while you have the opportunity to revisit your plans and strategies with the benefit of hindsight and practical application. Now is the time to figure out how to do it <i>better</i>.</p> <p>If your business is at the 'improving' stage, Simmonds &amp; Bristow can help you to relook your processes and existing plans to find better, more efficient methods. We can help you to find the efficiencies (and savings) you need.</p>	<p>Successful businesses grow and change. Over time, your business will evolve and you may find that the time has come for a reinvention, moving you in new and unexpected directions.</p> <p>Evolution calls for a whole new set of plans, strategies and approvals that align with your new vision. Simmonds &amp; Bristow can help you move in the direction you want to, as you revisit aspects of your business you may not have considered in some time.</p>
HOW CAN WE SUPPORT YOU?					
Routine Monitoring & Sampling Programs	✓	✓	✓	✓	✓
Greenfield & Brownfield Solutions	✓	✓		✓	✓
Environmental & Public Health Monitoring	✓	✓		✓	✓
Expert Witness Service	✓	✓	✓		✓
Sustainability Assessments (ISCA)	✓	✓	✓	✓	
Treatment Plant Design, Specification & Procurement	✓	✓			✓
Environmental Authority Management	✓	✓	✓		✓
Monitoring Program Design	✓			✓	✓
Modelling (Stormwater, Process, Environmental, Water Quality)	✓		✓	✓	✓
Development Applications & Environmental Licensing	✓		✓		✓
Management Plans & Support	✓		✓		✓
Environmental Risk & Impact Assessment	✓		✓		✓
Effluent Disposal Options/Assessment	✓		✓	✓	✓
Baseline Monitoring	✓				✓
Impact & Compliance Reporting		✓	✓	✓	✓
Air Quality Monitoring & Modelling		✓	✓		
Plant Audits, Check-ups & Process Reviews		✓	✓	✓	✓
Process Guarantee & Engineering Certification		✓	✓	✓	✓
Plant Commissioning/Tuning		✓			
Upgrades, Refits, Refurbishments & Minor Site Works			✓	✓	✓
Guideline & Specification Reporting			✓	✓	✓



## PLANNING



**WATCH-OUT:** Don't forget that **baseline monitoring** is *seasonal* – you will need more than one period of data collection!

**TIP:** The sampling and monitoring you do at this stage can do more than help you tick boxes and get approvals. There is **rich data** here that can be used *before* you build to improve your plans and save you money!

## BUILDING



**WATCH-OUT:** You will likely need to meet different **environmental requirements** while building than you will when your business is operating!

**TIP:** Sustainability in infrastructure is great for the environment and for market perception. Demonstrate your corporate social responsibility and **enhance your public profile!**

## OPERATING



**WATCH-OUT:** Make sure you have a way to keep aware of **changing legislation**. Knowing what's coming and what's changed can help you prepare and keep you compliant!

**TIP:** Process tuning can **save thousands of dollars** in chemical use, energy output and waste production!

## IMPROVING



**WATCH-OUT:** Over time you'll want to **integrate new technology** into your business. Make sure you anticipate how it will integrate with your existing technology. Plan for automation integration!

**TIP:** Engaging in **lateral thinking** can save you money! What else could your waste be used for? Could it become a resource?

## EVOLVING



**WATCH-OUT:** Changes to your business may result in **changes to your license conditions**, including all new approval processes. Plan ahead for this!

**TIP:** Changing your business means changing how you do things and that **open up new possibilities**. Processes and techniques that didn't make sense in the past may be a great fit now!

### The S&B Engineering & Scientific Services Team Can....

- ✓ Help you gain project and development approvals to move your projects forward.
- ✓ Plan and implement routine monitoring and sampling programs.
- ✓ Review data to identify opportunities to improve/adapt your plans to make or save money!
- ✓ Conduct environmental assessments.
- ✓ Interact with environmental authorities regarding your business operations.
- ✓ Drive improvements to your operations that will save you time and money.
- ✓ Assist you with process tuning to improve processes and save money.
- ✓ Identify opportunities to repair rather than replace aging equipment.
- ✓ Work through the ways that your changing business may impact your license conditions.
- ✓ Help you integrate your new technology so that it "talks" to your existing technology.
- ✓ Stand beside you in the planning and environment court if you need support during a litigation investigation.



#### We'd like to be your trusted advisor...

For over 55 years Simmonds & Bristow has been the regional and remote water specialist. We've been there for our clients through good times and bad, offering advice, support and 'boots on the ground' to get the job done. When it comes to water and wastewater, we'd like to be on your team, helping you to achieve your goals, as your vision becomes a reality. We hope you'll keep us in mind.