



*AUSTRALASIAN SOCIETY FOR TRENCHLESS TECHNOLOGY*

# **BUSINESS PLAN 2008**



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## HISTORY OF ASTT

In October 1989, a Technical Sub Committee of the Water Resources Council conducted a two-day seminar on Trenchless Technology in Perth, Western Australia. A panel discussion at the end of the seminar with some 170 delegates from around Australia and New Zealand agreed that an independent Australian Society for Trenchless Technology should be formed.

The Society became established independent of other Professional Bodies and related Societies such as the Institution of Engineers, Australia; the Australian Underground and Construction Tunnelling Association (AUCTA); the Australian Water and Wastewater Association (AWWA); the Australian Drilling Industry Association (ADIA); and the Federation of Australian Construction Contractors. Although these organisations had some members with an interest in Trenchless Technology the specialised nature of Trenchless Technology suggested the new Society should stand alone.

The Australian Society for Trenchless Technology (ASTT) was formed in 1991, and was Incorporated (Registered Number 1001093) in Perth, Western Australia on 11 March 1991. The Society was also affiliated with the International Society for Trenchless Technology, (ISTT) in March 1991.

On the 28 June 1994, the name of the Society was changed to the **Australasian** Society for Trenchless Technology, enabling membership to include those living in New Zealand.

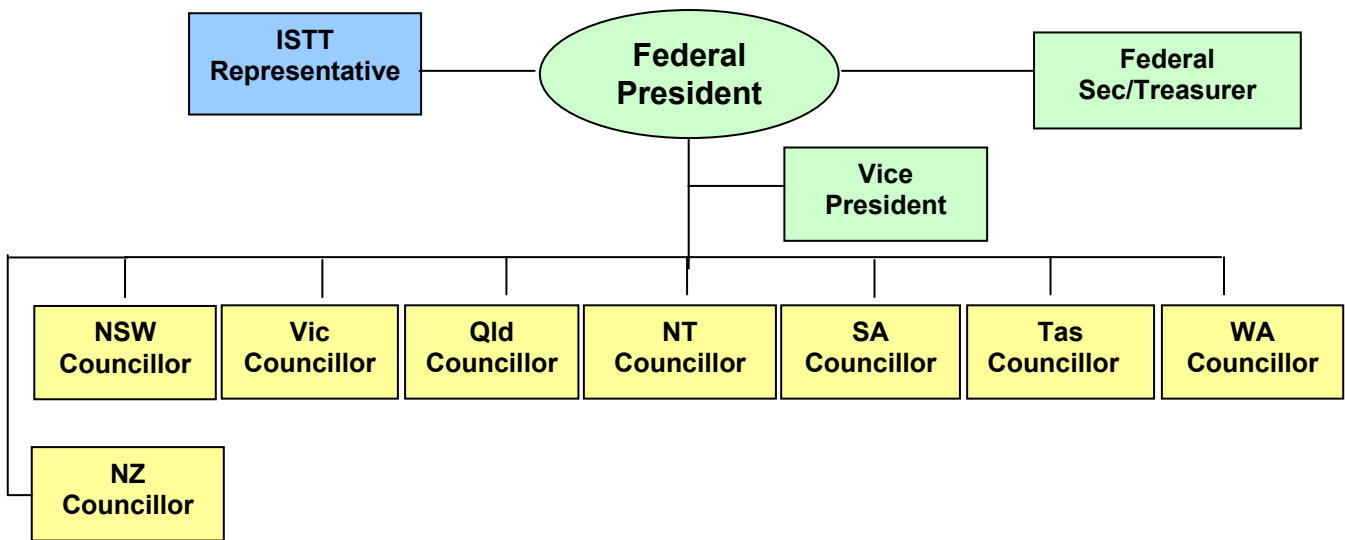
ASTT grew from a membership of 35 when inaugurated, to some 180 members in 2006. There are two classifications of Membership: Corporate and Individual. Members belong to a number of categories within the Trenchless Industry, including contracting, manufacturing, support services, education and a wide range of private and Government client organisations. The growth in ASTT membership has reflected the growth of Trenchless Technology in Australia and New Zealand. With ASTT having the highest membership of any of the affiliated societies on a per capita basis, the Society continues to provide a focal point for the continued development and application of Trenchless Technology in Australia and New Zealand.

The scope of the Trenchless Technology Industry in Australia and New Zealand is significant. There is an enormous investment in infrastructure associated with small diameter cables, conduits and pipelines. These assets have been estimated to be worth AU\$200 billion, and include the water, wastewater, power, gas, tele-communications and oil industries in both these countries.

The growth, repair, renovation and refurbishment of this asset base, provided an estimated AU\$350 million turnover in 2001. Although this represents a very small proportion of the total annual expenditure on renovation, replacement, and new infrastructure, it is significant in terms of its influence and impact, as it represents the many programs and projects realising the ever-growing range of benefits Trenchless Technology has to offer.

**STRUCTURE OF ASTT**

The Australasian Society for Trenchless Technology (ASTT) is managed by a Council, which consists of not more than one representative from each State or Country, plus the Federal President and Past President. Council also appoints a Federal Secretary and a Federal Treasurer as well as a representative to the Board of the International Society for Trenchless Technology (ISTT). The day-to-day conduct of ASTT is managed by the Secretariat, or administrative arm of the Society consisting of the Secretary/Treasurer on an honorary part time basis, in liaison with the President. Figure 1 refers.



*Figure 1: Management Structure of ASTT January 2008*

# ASTT – BUSINESS PLANNING FRAMEWORK 2008 - 2010

**MISSION**  
GUIDE INDUSTRY IN AUSTRALIA AND NEW ZEALAND TO RECOGNISE AND ACHIEVE THE BENEFITS OF TRENCHLESS TECHNOLOGY

**VISION**  
RECOGNISED AS LEADING THE TRENCHLESS INDUSTRY THROUGHOUT AUSTRALIA AND NEW ZEALAND.

**PRIMARY AIMS**  
TO FACILITATE THE ADVANCEMENT OF TRENCHLESS TECHNOLOGY IN AUSTRALIA AND NEW ZEALAND AND TO PROVIDE:

- VISIBLE LEADERSHIP
- COORDINATION &
- A POINT OF REFERENCE FOR TRENCHLESS TECHNOLOGY THROUGHOUT AUSTRALIA AND NEW ZEALAND

**Network Development** to develop additional membership and pursue business development opportunities as they arise.

Undertake membership promotional campaigns through the "Trenchless Australasia" magazine and the ASTT web site.

Pursue business opportunities, which may reduce costs or increase revenue for the Society.

Establish agreement with Great Southern Press for administration of 2008 National Conference.

- *Target growth of 10% increase in members by end of Dec 2008.*
- *Finalise agreement by March 2008 with Great Southern Press for the management of the 2008 National Conference and Exhibition..*
- *Pursue relationships with other related Organisations/Society's for sharing memberships.*

**Training & Education** to utilise existing training programs developed by others and develop education programs for awareness in tertiary institutions, industry and the community

Persue development of a Nationally recognised standards for competency for Water Pressure Vacuum Excavation.

Promote nationally recognised standards for competency in HDD, Rehabilitation and microtunnelling.

- *Develop nationally recognised training modules for Water Pressure Vacuum Excavation by Dec 2008*
- *Monitor take up of nationally recognised training modules for HDD, Rehab and Microtunnelling.*

**Guidelines/Standards** to develop guidelines and standards for new installations and support services which are suitable for Australasian conditions utilising current International best practice.

Publish NUCA 's web-based software for selecting a trenchless construction methods with Louisiana Tech University – USA.

Maintain developed ISTT Guidelines and Standards.

- *Publish and promote Members only access to (NUCA-TAG) National Utility Contractor Association Trenchless Assessment Guide website by March 2008.*
- *Update new ISTT Guidelines and Standards as required on website.*

**Promotion** to undertake the promotion of trenchless technology through National Conferences and Exhibitions, publications, internet, seminars and other awareness opportunities as they arise.

Leverage off Trenchless Australasia to increase awareness of TT and increase membership.

Raise TT awareness in the Asia Pacific Region.

- *4 Trenchless Australasia magazines published in 2008.*
- *Undertake Trenchless Technology Seminars throughout 2008.*
- *Promote TT in 2008 Australasian Trenchless Directory.*

## STRATEGIES

## OBJECTIVES

## 2008 TARGETS



## **STRATEGIC FRAMEWORK FOR 2008**

### **MISSION**

The purpose of the Australasian Society for Trenchless Technology is to;

**GUIDE INDUSTRY IN AUSTRALIA AND  
NEW ZEALAND TO RECOGNISE AND  
ACHIEVE THE BENEFITS OF  
TRENCHLESS TECHNOLOGY.**

This Mission Statement explains the Society's primary role – it is the reason for its existence.

### **PRIMARY OBJECTIVES**

The primary objectives of ASTT, in endeavouring to fulfil its Mission, are:

**TO FACILITATE THE ADVANCEMENT OF  
TRENCHLESS TECHNOLOGY IN  
AUSTRALIA AND NEW ZEALAND.**

and to

**TO PROVIDE:**

- **VISIBLE LEADERSHIP;**
- **COORDINATION; AND**
- **A POINT OF REFERENCE  
FOR TRENCHLESS TECHNOLOGY  
THROUGHOUT AUSTRALIA AND  
NEW ZEALAND.**

**STRATEGIC FRAMEWORK FOR 2008 (continued)****VISION**

The Vision for ASTT broadly describes the type of organisation ASTT wants to be, and how it will be perceived. It provides a framework to enable planning towards a common goal. The Vision is consistent with the Mission and Primary Objectives of the Society.

The Vision for ASTT for the next three years is:

**TO BE RECOGNISED AS LEADING THE  
TRENCHLESS INDUSTRY THROUGHOUT  
AUSTRALIA AND NEW ZEALAND**

**ASTT IN 2008: Issues and Challenges**

The Vision provides a picture as to what ASTT needs to be like in the year 2010 if we are successful in achieving our Objectives.

Tabled under, in summary form, are the issues and challenges that have been considered in the development of this Business Plan. It is these issues that will directly impact on ASTT achieving its Vision.

<b>Social/Demographic</b>	<p>What is happening in Australia and New Zealand that is driving the industry?</p> <p>The geographic location of our Society. The geographic spread of our members.</p>
<b>Technological and Development</b>	<p>Information/communication technology, materials technology, new methodology/technology coming out for trenchless technology. What is happening overseas that is driving change in the application of trenchless technology?</p>
<b>Education and Awareness</b>	<p>The current level of understanding and awareness of trenchless technology. Reluctance of tertiary institutions to change programs to incorporate trenchless technology. The rapidly changing technology and maintaining relevance in education and training.</p>



## STRATEGIC FRAMEWORK FOR 2008 (continued)

<b>Management</b>	Globalisation, regional positioning, alliances/joint ventures, national economic growth, micro-economic reform. What are the International trends in the way the trenchless technology industry is managed. Role of Councillors.
<b>Role of Industry Bodies</b>	Possible fragmentation of membership. Establishment of independent Societies or amalgamation with other Societies. Achieving recognition. Membership growth,
<b>Structure of ASTT</b>	No perceived change in structure for next 3 years. Councillor involvement to increase through communication and liaison within their area of responsibility. ASTT will continue provide central support for activities undertaken by the Society.

## STRATEGIES

The Key Result Areas for the Society represent areas of activity, which are most critical for the future success of the Society. Strategies have been developed within each of these areas to ensure this success.

<b>Key Result Areas</b>	<b>Strategies</b>
<b>Business Direction</b>	To develop a commercial entity which meets the members needs and actively pursues business development opportunities.
<b>Training and Education</b>	To utilise existing training programs developed by others and develop education programs for awareness in tertiary institutions, industry and the community.
<b>Guidelines and Standards</b>	To facilitate access to a framework of Guidelines and Standards in the areas of microtunnelling, horizontal directional drilling and rehabilitation which may be applied to Australasian conditions utilising current International best practice.

## **BUSINESS OBJECTIVES FOR 2008**

### **OBJECTIVES AND STRATEGIES SINCE INAUGURATION**

Since inauguration, the objectives of ASTT have been to:

- Advance the science and practice of trenchless technology for the public benefit;
- Provide a forum in Australia and New Zealand for interchange of multi disciplinary knowledge and skills in the field of trenchless technology;
- Arrange or sponsor meetings, conferences and symposia on subjects consistent with the objectives of the Society;
- Encourage the interchange of specialists in Trenchless Technology within Australia and New Zealand;
- Liaise and establish affiliations with related organisations, both within Australia, New Zealand and overseas;
- Inform and advise the public and Government on matters concerned with trenchless technology;
- Encourage education, training and research.

The Society endeavoured to achieve its objectives through a number of strategies including:

- National and International Conferences and Exhibitions;
- National Seminars
- Working groups dealing with specific key issues
- Society Publications – “Trenchless Australasia”.

### **OBJECTIVES AND ACTION PLANS FOR 2008**

The new Business Planning Framework for 2008 provides new Strategies, which have been utilised to provide the Business Objectives for 2008. These new objectives have determined the Action Plans for 2008.

**Network Development:** To develop additional membership and pursue business development opportunities as they arise.

OBJECTIVE	ACTION PLAN	WHO IS RESPONSIBLE	TIMEFRAME	COST	PROGRESS
	Undertake membership promotional campaigns at appropriate exhibition venues including: Sydney National Conference, Enviro 08 Melbourne and Trenchless Technology Seminars.	Secretary	Ongoing	10K	33%
<b>Undertake membership promotional campaigns.</b>	Market ASTT membership benefits through the Trenchless Australasia magazine.	Secretary and Great Southern Press	Ongoing	1K	25%
	Undertake membership promotional campaign through ASTT website.	Secretary	Ongoing	1K	33%
<b>Pursue business opportunities which may reduce costs or increase revenue for the Society</b>	Pursue relationships with other related Societies for "sharing" memberships. (AWA, APIA, ADIA, NZWWA, AUCTA etc)	Chairman Councillors Secretary	Ongoing	5K	25%
<b>Formalise Agreement with Great Southern Press for the administration of 2008 National Conference and exhibition - Sydney.</b>	Formalise Agreement by March 2008	ASTT Executive Great Southern Press	28/02/2008	1K	75%

**Training and Education:** To utilise existing training programs developed by others and develop education programs for awareness in tertiary institutions, industry and the community.

OBJECTIVE	ACTION PLAN	WHO IS RESPONSIBLE	TIMEFRAME	COST	PROGRESS
<b>Achieve nationally recognised Competency Standards in Rehabilitation</b>	Pursue development of nationally recognised standards for competency in Water Pressure Vacuum Excavation following SkillsDMC Competency Rationalisation Program.	ASTT Executive CCF - WA	01/12/2008	10K	5%
<b>Promote nationally recognised Competency Standards in HDD, Rehab and Microtunnelling.</b>	Market through Trenchless Australasia the Nationally accredited (ANTA) Competency Framework for Trenchless Technology, and the ASTT Training available thru Registered Training Organisations (RTO's.)	ASTT Executive CCF/ADITC	Ongoing	3K	0%
	Monitor competency training undertaken by State and or Country(NZ).	ASTT Councillors CCF/ADITC	Ongoing	2K	0%

**Guidelines and Standards:** To publish Guidelines and Standards for new installations, rehabilitation and support services which are suitable for Australasian conditions utilising current International best practice.

OBJECTIVE	ACTION PLAN	WHO IS RESPONSIBLE	TIMEFRAME	COST	PROGRESS
<b>Publish NUCA's web-based software for selection of trenchless construction methods with Louisiana Tech University (LTU) by March 2008.</b>	Evaluate web based metric version of NUCA – TAG.	Secretary plus nominated members.	4 months after published	1K	0%
	Provide feedback to NUCA – TAG for modification of existing package	Secretary	01/06/2008	5K	0%
	Web based version installed on TTC server and is available to ASTT members via a ISTT password by March 2008	Secretary	31/03/2008	5K	50%
	Arrange second payment upon finalisation of ASTT TMSS software on LTU website.	Secretary	31/03/2008	10K	0%
<b>Maintain developed ISTT Guidelines and Standards.</b>	Update ASTT website with updated versions of ISTT Guidelines and Standards.	Secretary	On going	1K	0%

**Promotion:** Undertake the promotion of Trenchless Technology through National Conferences and Exhibitions, publications, internet, seminars and other awareness opportunities as they arise.

OBJECTIVE	ACTION PLAN	WHO IS RESPONSIBLE	TIMEFRAME	COST	PROGRESS
<b>Leverage off Trenchless Australasia to increase TT awareness and increase membership.</b>	Develop opportunities in liaison with publishers of Trenchless Australasia.	Great Southern Press/Secretary	On going	20K (5K/per issue)	25%
<b>Raise TT awareness in the Asia Pacific Region.</b>	Conduct Trenchless Technology Seminars.	Great Southern Press/Secretary	Ongoing	10K	0%
	Promote Trenchless technology at suitable venues including the National Conference at Sydney, AWA - Enviro 08.	Secretary	Ongoing	10K	50%