

SUSTAINABLE
ENERGY AUTHORITY
VICTORIA



ANNUAL REPORT 2004-2005

The Authority's activities accelerate renewable energy development, energy productivity improvements and distributed generation across the the industrial, commercial and residential sectors.

The Sustainable Energy Authority was established in 2000 by the Victorian Government to provide a focus for sustainable energy in Victoria. Its origins date back to 1980 when a predecessor organisation was first established to focus on renewable energy research and development.

Vision Victorians will be world leaders in reducing the energy intensity of modern lifestyles and be recognised internationally for providing secure and sustainable energy supplies for current and future generations.

As part of its launch of *Our Environment, Our Future*, Victoria's Environmental Sustainability Framework in April 2005, the Honorable John Thwaites, Minister for Environment and Water announced the formation of a new statutory authority, Sustainability Victoria.

On 1 October 2005, the Sustainable Energy Authority will join with EcoRecycle Victoria to form Sustainability Victoria. To meet the environmental challenges facing Victorians, in a manner that aligns the economic, social and environmental imperatives, Sustainability Victoria will bring together the knowledge and expertise that exists across Government on environmental sustainability. It will facilitate fundamental changes to the way Victorian business, community and Government behave and utilise resources.

This heralds an exciting new era for sustainability in Victoria with an integrated approach to sustainable energy, materials and water practices.

Key highlights

2004–2005 has been a significant year for the Sustainable Energy Authority with many projects delivered with partners to assist Victorians to improve energy productivity and increase the supply of energy from clean, renewable sources.

The transition to Sustainability Victoria also commenced which will bring together the Sustainable Energy Authority and EcoRecycle Victoria to progress sustainability in the Victorian community.

Objective

To accelerate progress towards a sustainable energy future by bringing together the best available knowledge and expertise to stimulate innovation and provide Victorians with greater choice in how they can take action to significantly improve energy sustainability.

Representation

The Authority has a staff of 70 people with its main office located on Spring Street in Melbourne. A strong presence is maintained in regional Victoria with offices in Wangaratta and Traralgon and regional partnerships providing access to sustainable energy expertise in Ballarat, Geelong and Bendigo.

Functions

- Under the *Sustainable Energy Authority Victoria Act (1990)*, the Sustainable Energy Authority has the following functions:
- > the provision of information and advice on sustainable energy to all sectors of the Victorian community
 - > the promotion and encouragement of the use of sustainable energy across all sectors of the Victorian economy
 - > the encouragement and development of an economically viable renewable energy and energy efficiency industry in Victoria

- > the monitoring and evaluation of research and development on sustainable energy
- > the provision of advice to the Minister on policies concerning sustainable energy and related greenhouse pollution issues.

The *Sustainability Victoria Act (2005)* builds on these functions and establishes the key directions of the new organisation to progress Victoria toward a sustainable future.

The key highlights of the Sustainable Energy Authority for 2004–2005

Developing Victoria's sustainable energy industry

- > Six new partnerships established under the \$8 million Renewable Energy Support Fund that will generate over 85 gigawatt-hours of renewable electricity a year. (Page 24)
- > A project with Diamond Energy launched to generate 14 000 megawatt hours of renewable energy from biogas. (Page 26)
- > Over 1900 State and Federal Government rebates provided to Victorian households for high efficiency gas heaters, solar water heaters and photovoltaic (solar-electric) systems. (Page 28)
- > Seven inter-jurisdictional working groups established to commence implementation of Stage One of the National Framework for Energy Efficiency. (Page 21)
- > Development of the Wind Energy Support Package supported to facilitate development of wind projects in Victoria. (Page 30)

Victoria's industrial energy use

- > 20 new partnership projects with potential energy savings of over 460 000 gigajoules per annum established in manufacturing facilities incorporating good energy design. (Page 42)
- > 11 existing partnerships progressed which will deliver over 785 000 gigajoules of energy savings through sustainable energy solutions. (Page 46)
- > 7700 gigajoules of energy savings and over 1800 tonnes of greenhouse abatement realised through the completion of three partnership projects. (Page 48)
- > The Business Energy Innovation Initiative (BEII) extended to small-to-medium enterprises with two partnerships secured. (Page 41)
- > Two breakfast forums held with key industrial groups to facilitate the replication of BEII projects. (Page 41)

Victoria's building sector

- > The Sustainable Energy Innovation in Educational Facilities (SEIEF) initiative launched, and 118 partnerships established with schools and TAFEs across Victoria. (Page 64)
- > Four new partnerships established through the Commercial Office Building Energy Innovation Initiative (COBEII) that will influence \$35 million of commercial building development. (Page 58)
- > 16 new projects initiated to refurbish community facilities under the Victorian Solar Innovation Initiative (VSI). (Page 60)
- > Five existing partnerships continued through the COBEII and VSI initiatives to deliver 16 200 gigajoules of energy savings. (Page 59 and 62)
- > Over 1100 gigajoules of energy savings and abatement of over 370 tonnes of greenhouse pollution realised through completed COBEII and VSI projects. (Page 59 and 62)
- > An industry network group established and four forums held for the commercial building sector. (Page 64)

Standards, training and accreditation

- > 331 plumbers trained through the GreenPlumbers program to operate and install solar water heaters bringing the total to 833. (Page 78)
- > 343 new house energy raters accredited, expanding the accessibility of energy rating services to the building industry and bringing the total to over 1050. (Page 79)
- > Over 40 plumbing and electrical apprentices trained to support sustainable energy outcomes at the 2006 Melbourne Commonwealth Games. (Page 78)
- > Training program developed for energy auditors in the industrial sector in consultation with key industry stakeholders. (Page 78)
- > Comprehensive support maintained for the implementation of the 5 Star minimum energy performance standard for new homes. (Page 74)

Empowering communities

- > Awareness of Green Power increased by 21% to 61% and the number of Green Power customers in Victoria increased by over 20% through the Green Power promotion and consumer awareness campaign. (Page 92)
- > 153 events hosted in the Sustainable Energy Centre, providing information and expertise to Victorians bringing the total to over 250 events since the centre opened in 2003. (Page 86)
- > The network of information outlets in regional Victoria expanded by 135% through the launch of 19 new outlets, bringing the total to 33. (Page 87)
- > Replication of sustainable public lighting facilitated by establishing information sharing networks in the public lighting sector and building capacity to deliver sustainable public lighting outcomes. (Page 93)
- > Energy retrofits of 904 houses in low-income areas delivered through eight Energy Task Force projects, an increase of 38% over 2003–2004 and bringing the total number of retrofits to 2329. (Page 94)

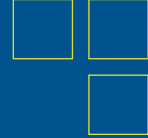
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Summary of Performance

The Sustainable Energy Authority measures its performance against a set of key performance indicators. The focus is on delivering projects that demonstrate the potential for broader replication across the Victorian economy.



The performance measures include:

- > energy saved through productivity improvements (megajoules saved)
- > energy generated or supplied from renewable sources (megajoules generated or supplied)
- > capacity for replication of sustainable energy technologies, services and applications (potential megajoules saved or generated from sustainable sources)
- > leverage of Government funds (ratio of Government funds to private sector funds)
- > accessibility and quality of sustainable energy information available (reach of information channels, and quality of information available)
- > greenhouse pollution abatement (tonnes of carbon-dioxide equivalent).

Performance against the Key Performance Indicators

This Annual Report outlines the performance of the projects and initiatives of the Sustainable Energy Authority for 2004–2005.

Energy saved (MJ)	<p>In 2004–2005, the Authority established demonstration partnerships and administered rebates that together will save 1.1 billion megajoules of energy in Victoria per annum. Since the commencement of the new strategy, the total potential energy savings through partnership projects and rebates is over 1.9 billion megajoules.</p>
Energy from renewable sources (MJ)	<p>In 2004–2005, the Authority facilitated the generation of 560 million megajoules of energy from renewable sources, enough to power over 2600 homes. Since the commencement of the new strategy, the Authority has facilitated the production of a total of 615 million megajoules of renewable energy.</p>
Leverage of Government funds	<p>In 2004–2005, the Authority leveraged \$155 million of spending from private investors and other government departments, bringing the leverage of Authority funds to 1:19. Since the commencement of the strategy, \$343 million of private investment has been leveraged at a ratio of 1:18.</p>
Accessibility and quality of information	<p>In 2004–2005, the Authority maintained its regional partnerships and expanded the number of information outlets across regional Victoria by 19, bringing the total to 33. In addition, the Authority hosted 153 events with key stakeholders, delivered the second Business of Energy Efficiency Conference in Sydney and delivered the Green Power advertising campaign, which has increased awareness of Green Power by 21% to 61%, and the number of Green Power customers by 20%.</p> <p>Since the commencement of the new strategy, the Authority has also:</p> <ul style="list-style-type: none"> > established a hub for sustainable energy expertise through the Sustainable Energy Centre, information hotlines and websites > formed networks with centres of international expertise > delivered the Victorian Wind Atlas > facilitated the disclosure of greenhouse pollution on energy bills > won a silver award from the Australasian Reporting Awards for its 2003–2004 Annual Report.
Greenhouse pollution abatement (tonnes of CO₂e)	<p>The Authority's demonstration projects in 2004–2005 will lead to the abatement of 322 000 tonnes per annum of greenhouse pollution. The total number of demonstration projects established by the authority since the commencement of the strategy will lead to a total abatement of 450 000 tonnes per annum.</p>
Business plan delivery	<p>In 2004–2005, the Authority successfully delivered its planned activities to achieve its \$21 million expenditure budget as outlined in the 2004–2005 Business Plan. Activity for 2004–2005 resulted in a 57% increase in project expenditure from the prior year, with a further \$4.6 million of outstanding contracted commitments established with partners, to be delivered in 2005–2006.</p>

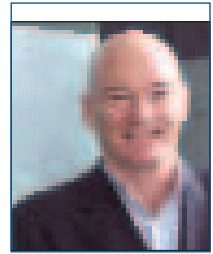


Towards a sustainable Victoria



Foreword from the Chair

On behalf of the Board, I am pleased to present the Annual Report for the Sustainable Energy Authority for 2004–2005.



As the global imperative for sustainable energy grows, a range of opportunities are emerging.

With the Kyoto protocol coming into force in February 2005, countries around the world have agreed to binding commitments to reduce greenhouse pollution. An emissions trading scheme has been introduced in the European Union, creating a significant market for sustainable energy products and technologies. Australia's failure to ratify the Kyoto protocol is limiting future business opportunities in this space.

Although neither Australia nor the United States are signatories to the Kyoto protocol, 2004–2005 saw the establishment of the Asia-Pacific Partnership on Clean Development and Climate. This has the potential to encourage market opportunities for businesses able to deliver greenhouse abatement solutions. However, the lack of binding targets in this agreement is likely to dilute its effectiveness.

Nationally the Australian Government released its Energy Statement, *Securing Australia's energy future*, in August 2004. This included recognition of the importance of accelerating energy productivity improvements across the Australian economy. It also included support for renewable energy technology development and demonstration, which is critical in the transition to a sustainable energy future. However, effective markets that appropriately value greenhouse abatement are also necessary to stimulate the widespread uptake of sustainable technologies.

In the absence of clear greenhouse targets at the national level, it is left to state governments to drive the sustainable energy agenda forward.

In December 2004, the Victorian Government launched the *Greenhouse Challenge for Energy* position paper. The paper outlines an integrated approach to reducing greenhouse pollution from the energy sector in a way that continues to support Victoria's strong economic growth. This includes a commitment to develop a strategic approach to accelerating energy efficiency and renewable energy across the State as well as minimising greenhouse pollution from brown coal.

In addition, the *Victorian Greenhouse Strategy Action Plan Update* includes continued support for the Commercial Office Building Energy Innovation Initiative and the Business Energy Innovation Initiative. Continuing these important initiatives will enable the Authority to expand its portfolio of projects, facilitating the widespread replication of sustainable energy outcomes in the industrial and commercial sectors.

In April 2005, the Victorian Government released its *Environmental sustainability framework* and announced the formation of Sustainability Victoria. Over the coming year, the Sustainable Energy Authority will join with EcoRecycle Victoria to establish this new organisation that will ensure a coordinated response to sustainability in Victoria.

In addition to the significant developments here and overseas, the Sustainable Energy Authority is continuing to deliver sustainable energy outcomes across Victoria.

In October 2004, the organisation farewelled David Young, who was Chief Executive from October 2001. David played a key role in establishing the strategic directions of the Authority and positioned the Authority for successful delivery. Following David's departure, Sharon Miles has led the organisation as it continues to deliver successful sustainable energy outcomes. Sharon's confident leadership has been crucial in facilitating the smooth transition to Sustainability Victoria.

As the organisation makes the transition, the imperative for change remains strong. Victorians are becoming more resource hungry which is placing increasing pressure on our environment. Sustainability Victoria will provide an integrated response to the unique challenges and opportunities of increased resource sustainability.

I would like to thank the Sustainable Energy Authority Board for their commitment and leadership in accelerating sustainable energy in Victoria. I would also like to congratulate the skilled and passionate staff of the Authority on the progress made in 2004–2005, and wish them well as they make the transition to Sustainability Victoria.

A handwritten signature in black ink, appearing to read 'Greg Bourne'. The signature is stylized with a large, sweeping initial 'G' and a long, horizontal stroke extending to the right.

Greg Bourne
Chair
September 2005

Foreword from the Chief Executive

I am delighted to report that the Sustainable Energy Authority has come a long way in 2004–2005.



Our focus has been on converting our strategy into action and we have made significant headway in delivering on our strategy to address the sustainable energy challenge.

With over 240 partnerships established with key partners across the industrial, commercial, residential, community and government sectors, we delivered an exciting array of tangible results across each dimension of our strategy and our performance indicators.

Energy efficiency continued to be a key focus. Together with over 45 partnerships with industry and the commercial building sector and 118 partnerships with Victorian schools and TAFEs, our energy efficiency demonstration project portfolio will lead to the delivery of energy and greenhouse pollution savings equivalent to removing over 172 000 cars from Victoria's roads.

At a national level, we maintained our key role in the National Framework for Energy Efficiency. Implementation of the Framework was approved and development of the policy implementation measures is now in progress to overcome barriers and unlock the economic benefits of increased energy efficiency.

Stimulation of renewable energy generation through new partnerships remained a priority. The current portfolio of Renewable Energy Support Fund projects has the potential to generate enough renewable energy to power 32 000 homes. With investment in new renewable energy projects stalling, initiatives such as this and the development of the Wind Energy Support Package to facilitate appropriate wind energy development in Victoria, are critical to providing industry certainty and increasing energy supply from clean and sustainable sources.

Victorians have benefited from the expanded access we provided to targeted, quality sustainable energy information to enable informed decision-making. Information outlets in regional and metropolitan Victoria increased by 135% this year and over 250 international and national sustainable energy best practice and innovation events have been showcased in the Sustainable Energy Centre.

The successful Green Power campaign launched earlier this year demonstrated that consumers can and are making more informed choices about their energy supply, with both consumer awareness and customer numbers growing significantly.

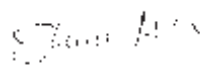
Replication potential for the large-scale uptake of sustainable energy solutions continued with our support for the introduction of the 5 Star standard in Victoria. We also increased the delivery of training and accreditation for builders, green plumbers and energy-raters to build the capacity necessary to support industry adoption of the new standard and broader sustainable energy services.

Our suite of project partnerships has the potential to achieve energy efficiency savings equivalent to 15% of all energy currently consumed in Victoria's industrial sector by 2020.

Leveraging private sector investment to facilitate the uptake of sustainable energy solutions is critical to achieve change at a meaningful scale. The significant private-sector investment influenced and leveraged this year resulted in a very effective leverage ratio of 19:1.

Looking ahead as we celebrate a very successful 2004–2005 and a 25 year focus on sustainable energy in Victoria, it is appropriate to embrace the next challenge as we transition to Sustainability Victoria. We'll continue to work closely with EcoRecycle to seamlessly transition to the new organisation, building upon our strengths, successes and achievements to deliver an integrated approach to environmental sustainability with a focus on energy, materials and water.

2004–2005 has been a year of significant results, achieved in a complex environment. None of these achievements could have been possible without the exceptional effort and dedication of our staff. I am proud to lead such a skilled and professional group of people who are well positioned to continue to drive towards a sustainable energy future and the exciting new era with Sustainability Victoria.



Sharon Miles
Acting Chief Executive
September 2005

» Towards a sustainable Victoria

The sustainable energy challenge

The sustainable energy challenge is to reverse the widening gap between growing energy demand and what can be supplied from sustainable sources (figure 1).

In Victoria, approximately 70% of total greenhouse pollution comes from the use of stationary (non-transport) energy. This is set to increase, with energy demand growing by approximately 2% each year. However there are significant opportunities to avoid energy wastage, leading to increased business productivity and reduced energy bills.

At the same time, investment in clean, renewable energy is slowing due to the constrained market for renewable energy generation. Despite Victoria's abundant renewable energy resources and broad range of project opportunities, the benefits of this development will not be realised under current market conditions.

As a result, the gap between growing energy demand and the amount of energy supplied from sustainable sources continues to widen.

Meeting Victoria's future energy needs in a sustainable way requires an integrated approach that balances demand reduction with the development of cleaner energy supplies. To address the sustainable energy challenge, the Authority's activities accelerate energy efficiency, renewable energy and distributed generation across all sectors of the Victorian economy.

Dimensions of sustainable energy

To help meet the sustainable energy challenge, the Sustainable Energy Authority is focused on three key dimensions of sustainable energy:

- > **Renewable energy** is energy produced from sources which can be replenished or replaced from natural sources. While currently only a small proportion of Victoria's energy needs are met from renewable sources, there are abundant development opportunities across a range of resources including biomass, geothermal, hydro, solar, tidal and wave and wind. Renewable energy development will increase the diversity and therefore security of Victoria's energy supply, as well as playing a key role in reducing our everyday environmental impacts.
- > **Energy productivity** improvements are realised when more value is produced for less energy. This can be achieved by resource efficient practices and a reduction in wasteful practices. By increasing energy productivity, businesses can become more competitive, reduce operating costs, and reduce greenhouse pollution.
- > **Distributed energy** is the supply of energy from sources which are physically located close to where the energy is used. Increasing the amount of distributed energy in Victoria will add to the diversity and security of energy supply, and reduce energy lost through transmission.

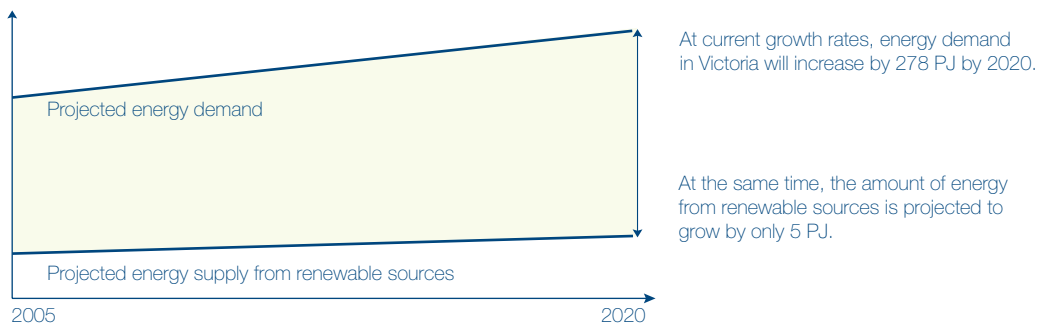


Figure 1

There is a widening gap between growing energy demand and what can be supplied from clean, renewable sources.

The Authority's strategy

The strategy to overcome the barriers to sustainable energy and realise Victoria's opportunities involves facilitating innovation, establishing demonstrations, encouraging and enabling replication and learning from experience. Implementation of the Authority's strategy commenced in 2002 (figure 2).

Innovate

Innovation is central to the Authority's strategy. To accelerate sustainable energy development beyond current trends and make the transition from business-as-usual practices, new and innovative sustainable energy solutions are required. The Authority stimulates innovation by working with Victorian leaders who are willing to take actions that will lead to sustainable energy outcomes.

Demonstrate

A critical element of the strategy is to demonstrate innovative applications of technologies. Demonstration projects showcase innovative sustainable energy solutions, reducing the risks and therefore the costs, of future projects. In partnership with leaders in business, government and the community, the Authority demonstrates innovative sustainable energy projects across the industrial, commercial and residential sectors.

Replicate

To meet the sustainable energy challenge, the Authority makes replication of sustainable energy outcomes easier and more cost-effective across the Victorian economy. A range of levers can be applied to stimulate the broader uptake of the outcomes and the Authority encourages and enables replication by:

- > contributing to the development of policies and regulations that lead to a favourable investment climate for sustainable energy
- > leveraging Government resources to drive sustainable energy outcomes
- > supporting industry development to deliver a range of sustainable energy products and services.

Learn

The Authority provides access to learnings from its demonstration projects, sustainable energy expertise and quality information through a variety of channels and via a broad range of networks. This enables Victorians to make informed sustainable energy choices.

2002–2003



- > New strategy developed
- > Key areas for innovation identified
- > Partnerships formed with leading organisations

2003–2004



- > New initiatives developed targeting demonstration in the manufacturing and commercial sectors
- > Activity continued in the residential sector
- > Partnerships formed in key sectors to demonstrate sustainable energy solutions
- > Development of national sustainable energy initiatives advanced

2004–2005



- > Demonstration portfolio of sustainable energy solutions expanded
- > Activity to facilitate the replication of sustainable energy outcomes across the economy increased
- > Community access to tailored information expanded
- > Standards, training and accreditation focus increased

Figure 2
The focus of the Authority's Business Plans since 2002.

» Towards a sustainable Victoria

Targeted sectors

Across the industrial, commercial and residential sectors, the Authority demonstrates new sustainable energy solutions, and facilitates the widespread uptake of behaviours, products and services that support sustainable energy outcomes.

Industrial

The industrial sector uses more energy than either the commercial or residential sectors (figure 3). Energy consumption in the industrial sector is growing by approximately 2% per annum and is projected to increase by 26% by 2020. Under constant pressure to increase business productivity, the industrial sector can derive significant benefits by investing in behaviours, products and services that result in greater value for less energy.

Changes required in the industrial sector to make the transition to a sustainable energy future include:

- > significant innovation in technologies and processes
- > pricing signals that better value the costs and benefits of sustainable energy practices
- > evolution of existing industries to improve productivity and performance
- > development of new industries which benefit from the emerging market for sustainable energy technologies and services
- > strengthening consumer demand for sustainable energy.

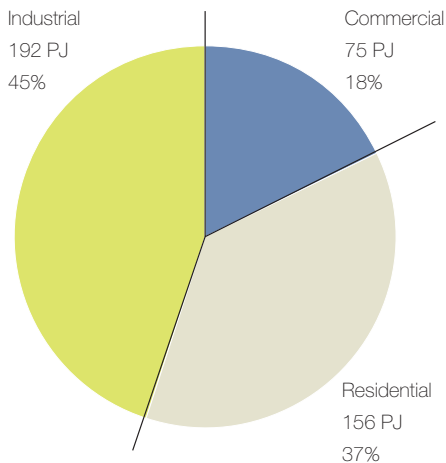
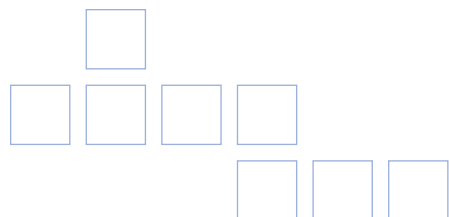


Figure 3
Stationary (non-transport) energy use by sector.



Commercial

Energy consumption is growing more rapidly in the commercial sector than any other sector and is projected to increase by 54% by 2020 with a growth rate of 3.7% per annum. The majority of energy used in commercial buildings is for heating (figure 4).

Changes required in the commercial sector to make the transition to a sustainable energy future include:

- > significant innovation in the design of buildings and building control technologies
- > pricing signals that better value the costs and benefits of sustainable energy practices
- > strengthened consumer demand for sustainable energy features in commercial buildings.

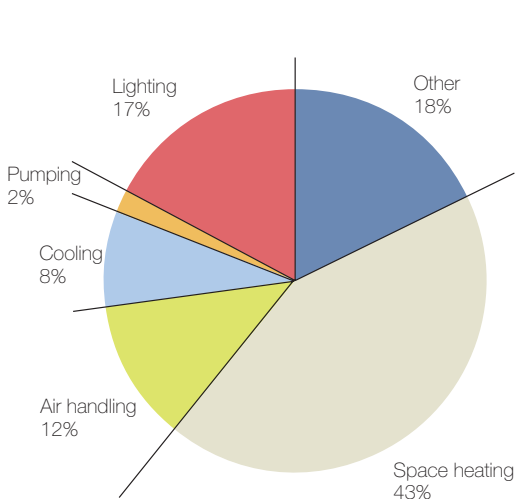


Figure 4
Energy use in commercial buildings.

Residential

Victorian households are becoming less sustainable with expanding house sizes, a rapidly increasing use of appliances and a growing reliance on air conditioners. Energy use in the residential sector is predicted to grow by 35% by 2020. This is driven in particular by an increase in the number of appliances per home and in appliances using 'standby' power. The majority of energy used in the residential sector in Victoria is for heating (figure 5).

Changes required in the residential sector to make the transition to a sustainable energy future include:

- > technology innovation
- > continued improvements in house design
- > increased number of trades and professions with the skills to deliver sustainable energy outcomes
- > significant changes in householder behaviour to reduce energy demand.

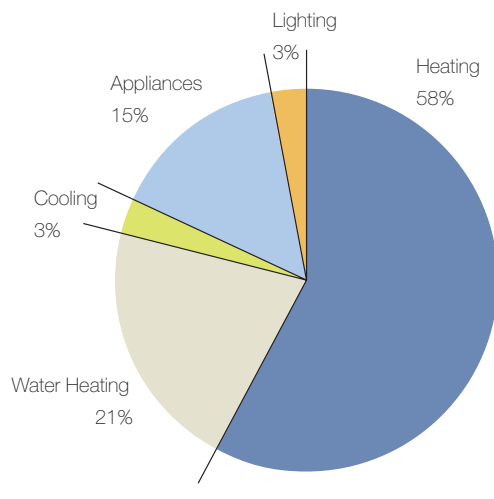


Figure 5
Residential energy consumption.

» Towards a sustainable Victoria

Building on past achievements

This year, the Sustainable Energy Authority is celebrating 25 years of accelerating sustainable energy across all sectors of the Victorian economy.

The journey began in 1980 with the establishment of an organisation called the Victorian Solar Energy Council, which was established in 1980 under the *Victorian Solar Energy Council Act*. This entity had a focus on research and development of renewable energy technologies. For the next quarter of a century, successive governments have maintained support for an organisation committed to sustainable energy in Victoria.

The Authority has built on the achievements of its predecessor organisations and staff to become a centre of expertise on sustainable energy.

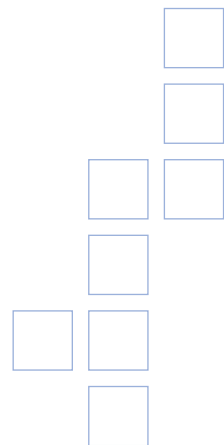
When the journey began, the organisation was committed to the development of solar technologies in Victoria. Since that time, the focus has expanded to include information provision to the Victorian community, assistance to businesses to achieve sustainable energy

outcomes and extensive assistance to Victorian State Governments to lead sustainable energy development in Victoria.

The Sustainable Energy Authority was established in 2000 and its current strategy has been in place since 2002. This built on the strengths, learnings and networks of the Authority's predecessor organisations with the objective of accelerating renewable energy development, energy productivity improvements and distributed generation across all sectors of the economy. The success of the Authority is attributable to the successes of the previous organisations over the last 25 years, and the expertise that its history has afforded.

The Authority today has well established international and national networks and the expertise and experience required to deliver sustainable energy outcomes across the Victorian economy.

This will continue to expand as the Authority makes the transition to Sustainability Victoria.



Timeline

1980

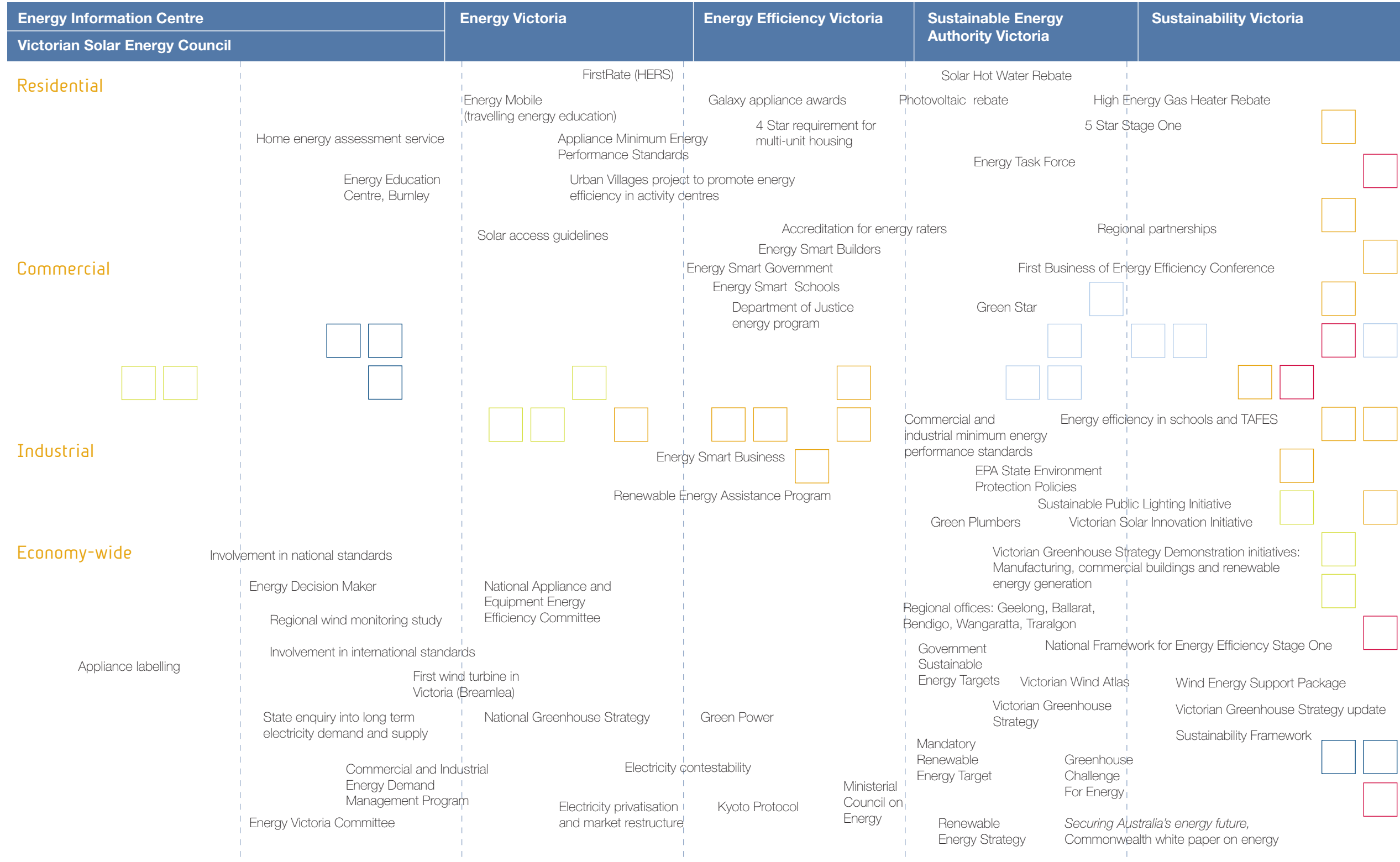
1985

1990

1995

2000

2005



A new era of sustainability

Victoria is entering an exciting new era of sustainability.

Becoming more environmentally sustainable is one of the greatest challenges facing Victorians and the rest of the world. There are many opportunities for all Victorians to benefit from more sustainable practices.

In April 2005, the Government announced the formation of a new statutory authority—Sustainability Victoria—which will bring together the knowledge and expertise that exists across Government in environmental sustainability.

The Sustainable Energy Authority will join with EcoRecycle Victoria to establish Sustainability Victoria on 1 October 2005.

The establishment of Sustainability Victoria is key to the tangible delivery of the Government's Environmental Sustainability Framework. It will focus on changing behaviour by enabling individuals, businesses, governments and communities to act in a more environmentally sustainable way, and facilitate innovation through supporting the development and application of technologies and processes that will produce change that may not otherwise garner support.

Sustainability Victoria will build upon the successes, strengths, knowledge and outcomes of the Sustainable Energy Authority and EcoRecycle Victoria.

