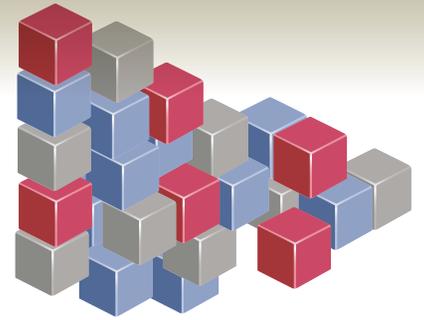


“Beyond Lean Towards Green”

Innovation INSIGHTS



The Business of Sustainability

To secure a sustainable competitive advantage, organisations need to understand the Business of Sustainability and develop a plan for the continuous improvement of their triple bottom line. While a lean organisation primarily focuses on profit from the value stream, the sustainable organisation is committed to measuring the Triple Bottom Line, which includes Profit, People and Planet measures.

Is the level of consumption of resources in your organisation sustainable?

This is more than topical, for some organisations this question alone is critical to on-going business survival. In the future, as the cost of material and energy continues to increase and becomes a larger component of the cost, organisations will need to adopt sustainability strategies.

Is your Lean Manufacturing program losing momentum?

Excellence programs have focussed primarily on the elimination of waste from our manufacturing processes. Lean manufacturing programs can be expanded to include sustainability themes, and equally the tools and techniques of lean manufacturing can be adapted and applied to sustainability improvement projects

Do you know your Triple Bottom Line?

The business case for the ‘Sustainable Organisation’ is best understood by measuring the Triple Bottom Line. Sustainability and Sustainability programs, including Environmental Management Systems, continue to be seen as a business cost rather than a competitive advantage.

The Sustainable Organisation is more than an altruistic ‘feel-good’ goal, it is a sharp-edged business imperative that can provide a genuine competitive advantage to an organisation. This series of Innovation Insights will have a specific emphasis on sustainability, and ‘Learning-to-see’ the extended value stream. Each visit will give an insight into linking your organisation’s continuous improvement culture with outcomes that minimise its impact on the changing environment.



proudly brought to you by

Australian Arrow

Location Carrum Downs

Lean Manufacturing
Sustainable Manufacturing



2005 Banksia Award Winner

Australian Arrow Pty. Ltd (AAPL) is a high-tech automotive components manufacturer in Carrum Downs which employs 600 people (associates) and manufactures car instrument clusters, security systems and body control units for Australia's major car manufacturers.

AAPL has a fully integrated approach to the environment. It is proud of its environmental culture, leadership and responsibility shown across the organisation, which has raised the awareness and commitment of all its employees to reduce waste, landfill, energy, paper and encourage them to actively participate in a whole host of innovative environmental initiatives.

AAPL is now taking the lead and opening its doors, sharing and influencing its peers, local community, suppliers and customers to also shrink their "Environmental Footprint".

Date
10 April 2008

Time
9am - 1pm

Learn About

- Leadership & Influence
- Product Design
- Relentless Pursuit of Zero Waste
- Visualisation & 5S
- Community Participation
- Supplier Development
- Corporate Culture & Employees
- Customer partnerships

 **Australian Arrow Pty. Ltd.**

www.australianarrow.com.au

Davey Water

Location Scoresby

Lean Manufacturing
Sustainable Manufacturing



How to unlock the passion in team members through Green eye's

Davey is the largest water pump manufacturer in Australia and exports 25% of its production to over 60 countries. Davey has been manufacturing in Australia for 71 years and is part of the GUD group.

Davey's reputation is built on innovation in both its products and processes. The company has been on the Lean journey since 2000 and has embraced the principles across the organization.

As part of this process Davey moved into a purpose built and designed facility in July 2001.

The picture shows Davey's latest innovation: SILENSOR a water cooled pool pump, designed for ease of manufacturing and assembly.

Date
29 April 2008

Time
9am - 1pm

Learn About

- Get more out of Lean by seeing Green
- Kanban
- Value stream mapping in practice
- The Visual Factory



www.davey.com.au

Visy Recycling

Location Springvale

Sustainable Manufacturing



What happens to your waste when it "Goes Away"?

Visy Recycling is Springvale is the largest Material Recovery Facility (MRF) of its kind in Victoria, processing in excess of 1000 tonnes of recyclables a day. The facility sorts cardboard, paper, newsprint, glass bottles, aluminium and steel cans and plastic containers into single streams ready for the recycling process. Material is brought to the site from household recycling collections, commercial and industrial businesses.

In 2007 the site installed Near Infra Red Optical Sort technology which can detect and sort various grades of plastic at a rate of four tonnes per hour, making Visy Recycling the number one household recyclables processor.

Date
12 May 2008

Time
9am - 1pm

Learn About

- State of the art recycling technology
- Diverting waste from landfill
- The sustainability of the recycling process
- Quality management in a bulk processing environment



www.visy.com.au

To register for these site visits go to www.i2e.org.au