



Lewis Trigger – Constraint Innovation Expert

Lewis is a recognized international expert in Constraint Innovation, that is based on the Theory of Constraints (TOC). *Constraint Innovation is applicable to any organization or system... It is all about unlocking value via leveraging the organization's constraints, be it operational, market, policy....; whatever obstacle there is that prevents the organization getting that much closer to its goal.*

Constraint Innovation's methodology uses the mindset and tools of TOC and integrates within it the practical side of Lean, focusing Lean and other leading management techniques on System Constraints. In short, Constraint Innovation is all about being EFFECTIVE rather than EFFICIENT.

Australian born, Israel resident, Lewis is an industrial engineer with over 25 years' experience in applying Theory of Constraints (TOC) within the Israeli military's technology and logistics systems, within government and industry. Lewis had the privilege of being tutored in TOC by its founder, Elyahu Goldratt.

After completing his graduate studies at the University of Queensland, Lewis went on to serve 16 years as an officer in the Israeli Air Force. His experience in the Israeli Air Force, followed by holding senior management positions in the Israeli Hi-tech market, has provided Lewis with a wealth of knowledge and experience in Operation's and Project Management.

Today he heads his own company, based in Israel that provides Industrial Engineering Consultancy and Workshops to both the defence and commercial markets in Israel, Australia, and India.

For the last 16 years he has been awarded the contract to coach the formal Project Management workshops for the Israeli Air Force and Land Forces.

In addition, he teaches Management courses in several Israeli colleges including the prestigious M.B.A program at the University of Tel Aviv.

Over the last 16 years, Lewis has shared his expertise through his workshops to many leading Australian organizations such as Newcrest Mining, Iluka Resources, Visy, Arnott's, Schweppes, The Australian Submarine Corporation, The Adelaide Health Service, the Spotlight Retail Chain, Dairy Farmers, Rosebank Engineering, AW Bell, Coopers Brewery, Government agencies at a Federal, State, and Local level. His public workshops throughout Australia have been have been sponsored by APICS, AIG (The Australian Industry Group), QMI (Queensland Manufacturing Institute), QUT (Queensland University of Technology), the University of South Australia, The University of Queensland, The Terrapinn Group, SIF Round Tables, BIIG (Ballarat Innovation Industry Group), SEBN Dandenong.

Clients – both training (workshops) and implementations:

Primarily the Israeli, Australian Market, India:

- **Military** - Israeli Air Force; Israeli Land Forces.
- **Hi Tech, Israel** - Amdocs, Ness Ltd; ECI; Opgal Optronics Industries Ltd; Celerica – Ltd; OnePath Networks; Bar Tal Electronic Enclosures Ltd; Tadiran Systems; Rokar; RAD Israel
- **Defence** –Israel Military Industries Ltd; Israel Aircraft Industries; Australian Submarine Corporation; Rosebank Engineering (Australia); Hill Defence Products – Adelaide; Thales Australia, BAE – Israel; Elbit – Israel; Rafael – Israel.

- **Manufacturing** – Gibor Sabrina Israel; Netafim - Israel; Visy Industries Australia; Nesher Cement – Israel; Holden Car Manufacturers - Australia; Geographe – Western Australia; AWBell – Melbourne; GJames – Australia; Albins – Victoria; Raptispax – Brisbane; Van Roll Transformers – Israel; Haifa Chemicals - Israel
- **Infrastructure** – Building Corps of the Israeli Air Force; Civil Engineering Group Rafael – Israel.
- **Health** – Israeli Medical Association “Meuchedit”; The Adelaide Health Service – Australia
- **Food** – Schweppes (Australia); Dairy Farmers (Australia); Arnott’s Biscuits (Australia) ; Coca Cola (Israel); Coopers Beer – South Australia
- **Pharmaceutical Industry** - Taro Israel; Dexcel Israel
- **Bio – Tech** – Pluristem (Israel)
- **Financial Institutions** – Bank Egud – Israel.
- **Agriculture** – Trandos Hydroponic Growers - Australia
- **Government agencies:** The Israeli Ministry of Defence; the Israeli Prime-Minister’s Office; The Israeli Government Printing Agency; The Israeli Parliament Administrative services; The Israeli Land Agency; Salisbury City Council -Australia; The Australian Federal Government agencies dedicated to improving productivity; Several W.A. State Gov’t Departments: The Department of Agriculture & Food, Department of Regional Development, The Housing Commission, The Public Sector Commission; The Defence Material Organization – Australian Department of Defence
- **Resource Industry** – Iluka Resources – Australia; Brom- Israel; Newcrest Mining - Australia; the Mining Industry Australia organized through public workshops
- **Retail Market** – Spotlight Australia - over 100 retail outlets in Australia, New Zealand.
- **Real Estate Market & Asset Management** –The Juliard Group Australia
- **Defense Market Australia** – workshops organized through the conference organization IIR (Sydney); The Defence Teaming Centre (Adelaide); The Australian Industry Group.
- **Non-Profit Organizations** – The Jewish Agency Israel; the United Israel Appeal – Victoria; Hindustan Chamber of Commerce – India; Institute of Directors - India
- **Academic Institutions** – The University of Tel Aviv; The Hebrew University of Jerusalem; The University of South Australia; The University of Queensland; Queensland University of Technology
- **Public Workshops** organized through – APICS Australia; The Australian Industry Group (AIG) primarily catering for SME's; The "Queensland Manufacturing Institute" (QMI) – a wide host of Companies from the following industries – Mining, Automobile, Irrigation, Primary Produce, Dairy Plants, Aluminum; Manufacturing Focus; The Terrapinn Group; The Australian – Israel Chamber of Commerce; The Western Australian Chamber of Commerce; The Magid Institute Israel; A2B Israel; Sirf Round Tables – Australia; The Project Management Institute – Israel; Lahav Executive training University of Tel Aviv; Itlam – The Israeli Association of System’s Engineers; The Israel Chamber of Commerce

Testimonies:

“Your course was excellent and delivered the outcome I was looking for. It has raised awareness and started the juices flowing for improvement around the site. “Nick Strong – Manager – Performance and Projects, Cadia Valley Operations, **Newcrest mining Ltd**

"We completed training Since this time one month ago, the throughput of product through our production constraint has increased by exactly 50%." Andrew Meek – CEO – **AWBell** – Melbourne - Australia

"I can honestly say that was the best experience and workshop I've been to in a very long time. The information I was able to gather from the workshop has answered questions I've been searching for answers to for a very long time. It was incredibly informative and presented in a very enjoyable fashion, I loved it" - Steven Crewe the QLD State Lean Manager - **Schweppes**

"You are a natural teacher and story teller, Lewis. Your ability to communicate something that is in fact quite complex, in a way that we can immediately understand and apply, is genius." – Dr Sarah Kelly, MBA Director – **Business School – University of Queensland**

"This was one of the best structured training courses I have attended. Very relevant and the practical aspects were effective tools". Nick Porter – Senior Manager **Hill Defence Products**, Adelaide

"Application of theory to practice, in real life projects that DAFWA personnel could understand the relevance. Excellent Lewis. As ever, a very professional and informative performance with the right amount of enthusiasm and humour to engage us in the application of this practical theory of improvement." Stuart Clarke - Senior Director at the Department **of Agriculture and Food**, Western Australia

"Lewis has succeeded in combining theory with practice and passing on to workshop participants a useful set of tools as well as a systems approach. He has demonstrated a varied and in-depth knowledge and experience." **Brigadier General Zacharier Chay (retired)** – Previous Head of the Israeli Defence Force Ordnance Corps.

"I attended your session in Perth recently and found it fascinating. I'm implementing it in one part of our business which has always given us headaches. Now we've identified the constraint, the problem has become simple to see. Great stuff." Geoff Brown - Director of a leading **Australian multi - media supplier**.

"It was a true pleasure hosting you in Cyprus. I believe that your presentation skills have contributed a lot towards the success of this workshop." - Matiss Horodishtiano - Senior Director of a **leading international hi-tech organization**.

"TOC and your presentation of the subject have had a huge effect on our organization, and we use your methodology on a weekly, if not daily basis." Steve Macdonald – GM - **Albins** Victoria