

## Alan Langworthy

### A powerful quarter century

Managing director of Powercorp Pty Ltd, Alan Langworthy has wide-ranging experience over more than 25 years, particularly in the field of off-grid power generation.

Alan has extensive knowledge in wind, solar and other renewable technologies and has published works covering technical, educational and commercial areas of the power generation industry.

As a long-term Territorian and founder of Powercorp Pty Ltd, Alan is heavily involved in the renewable energy industry and serves on a number boards and councils. His recent achievements include:

- serving on the Northern Territory Chief Minister's Green Energy Taskforce
- being named NT Senior Australian of the Year 2010
- awarded the 2009 Clunies Ross Award for leadership in technology.



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## Harry Stubbins Fighting the ferals

Part of the Alice Springs Airport team for more than 35 years, Harry Stubbins takes his role as Reporting Officer very seriously.

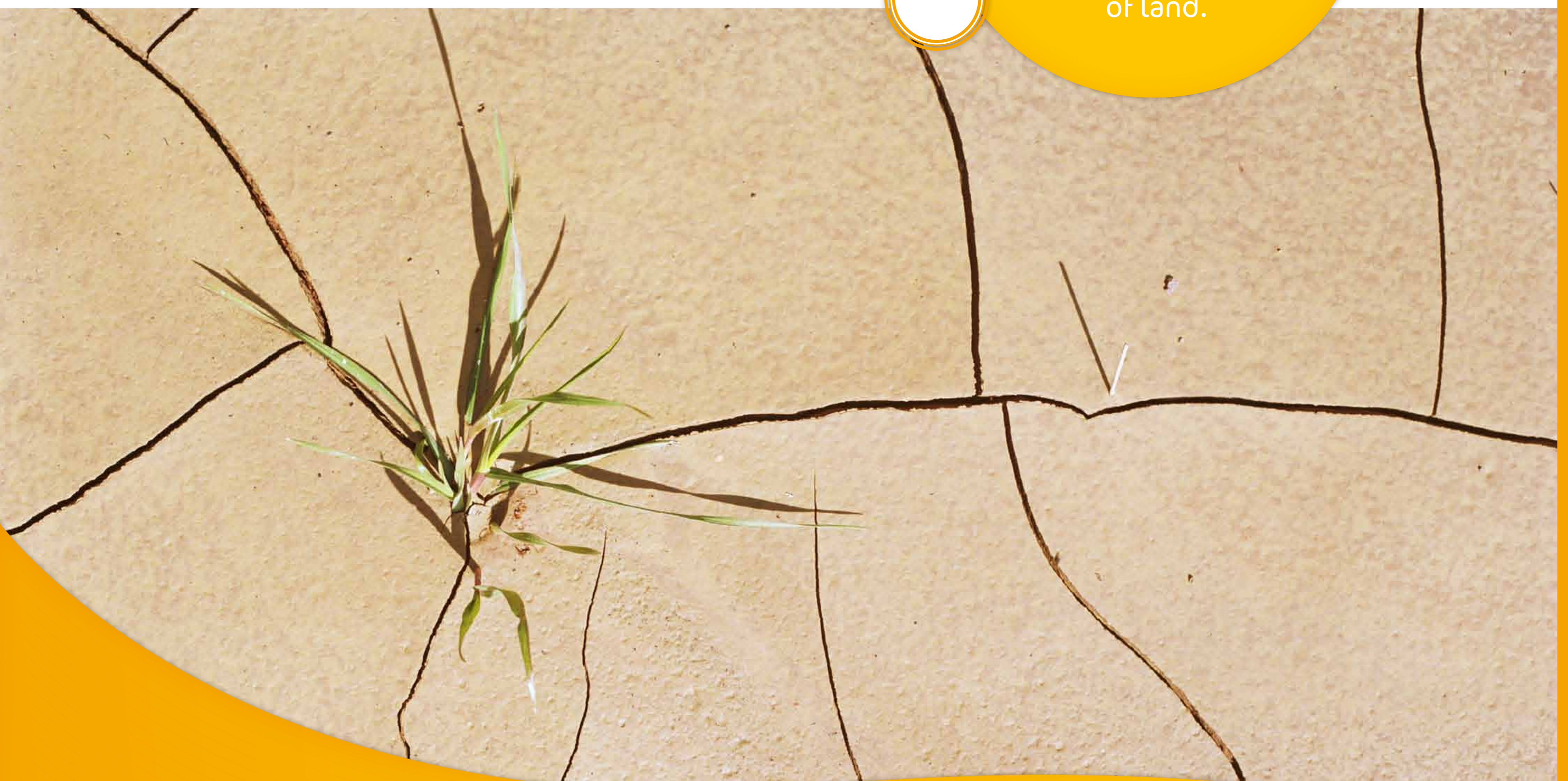
Harry's position involves inspecting, reporting and monitoring of the operational condition of the airport, which is on 3550 hectares of land. His duties can range from runway hazard inspections and security fence integrity checks to counting birds on the airfield. Controlling pests like rabbits and other fauna is a major part of his role.

He is particularly passionate about the control of feral animals on and around the airport. To Harry, the rabbit is enemy number one because of the damage it causes.

Harry has a great deal of knowledge about the pests and regularly tracks rabbits in the early hours – including in winter. His efforts have ensured that the rabbit population is kept in check.



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## Muhammad Salman Quddus Weeding out the invaders

A PhD student in the field of Environment Science, Muhammad Salman Quddus is working on a research project that focuses on controlling weeds in the Top End.

Titled "Ecological Weed Control of Disturbed Lands by Native Species", the project aims to use competition theory about tree-grass interactions to control weeds such as Jabiru mission grass. The grass, a native of tropical Africa, is a major weed that takes hold on disturbed land.

The project will identify weaknesses in mission grass that can be exploited by the planting of native species.

In a range of experiments, Muhammad will manipulate tree cover and site management to develop an ecological approach to controlling weeds. It is a pathway to developing an environmentally friendly and effective management approach to the control of mission grass. The experiments are planned so that the results will be of practical use to land managers and other stakeholders.



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## Naomi Haven Mum's the word

For Jingili mum Naomi Haven, parenting is a way to practise and promote environmental sustainability.

With her daughters, aged five and two, she's encouraging good habits and teaching them that "princesses tiptoe" to reduce their environmental footprint.

Naomi says she feels responsible for helping her children understand their environment, and their effect on it.

The family's habits include:

- recycling aluminium cans picked up from the roadside and events such as Darwin Motorcycle Club races
- making recycled paper for cards and envelopes
- growing useful plants such as pawpaws, pumpkins, basil, Thai coriander, ginger, cardamom, snake beans, passionfruit, Fijian yams and loofahs
- using resources wisely – for example, sleeping with only a fan, drying clothes on the washing line, buying clothes and puzzles from op shops, and travelling in a bike trailer to places close by.

Her message to parents is "you are influential – so make it positive!"



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