

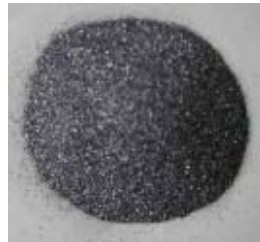


Spark Solar Australia

Spark Project



Sand



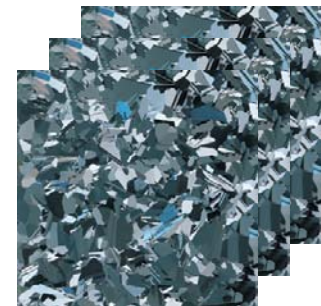
Metallurgical grade silicon



Poly-silicon



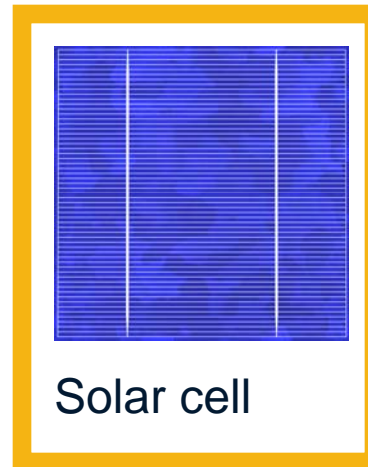
Silicon cast block



Silicon wafers



spark solar⁺
AUSTRALIA



Solar cell



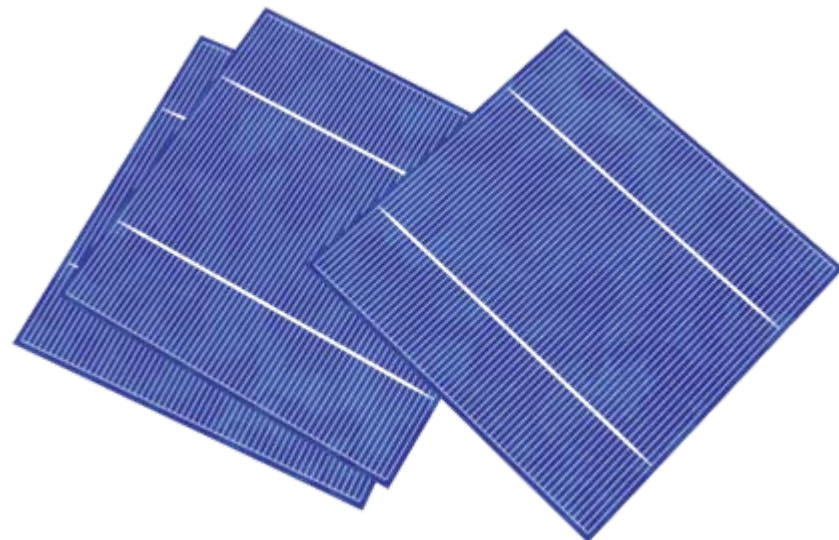
Several Cells in a module



Finished modules in an array

Why Australia?

- World-class solar research and researchers
- An excess of skilled personnel
- Labour is a v. small proportion of total costs (less than 6%)
- Solar cells are light-weight, high-value (shipping costs negligible)



Management



Peter Fath
Chairman



Albrecht Mozer
Advisor



Geoff Coffey
Advisor



Michelle McCann
Interim CEO &
Technology



Nick Fejer
Project
Management

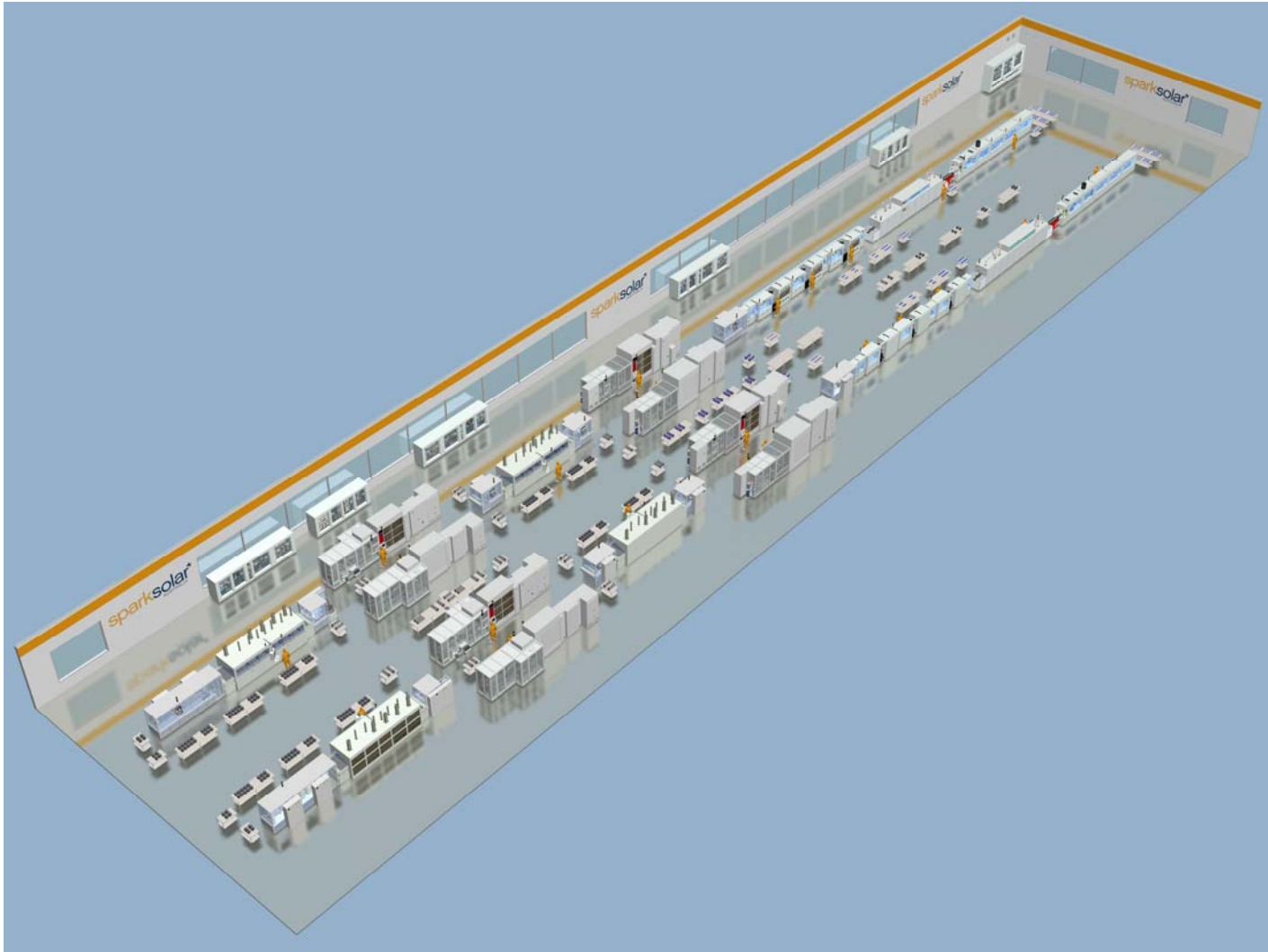


Alex Hauser
Manufacturing
Engineering



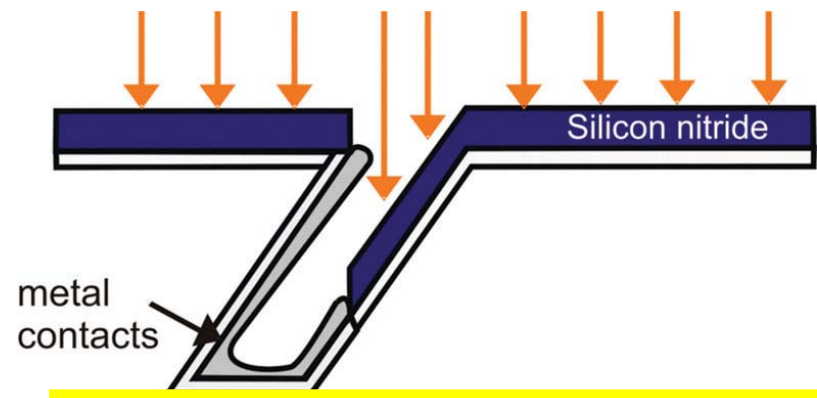
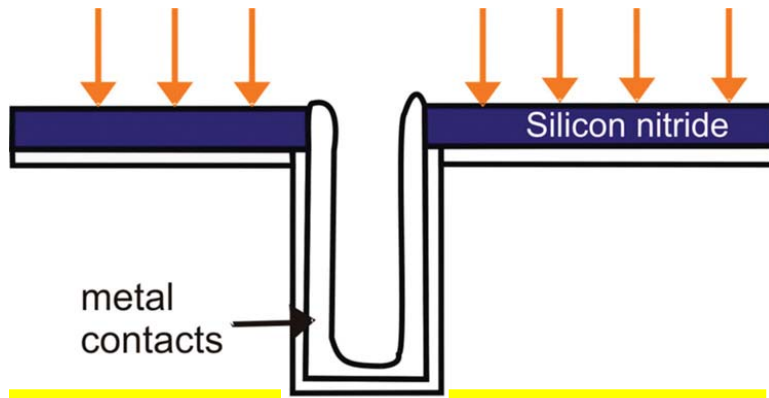
Evan Franklin
Senior
Scientist

Spark Facility



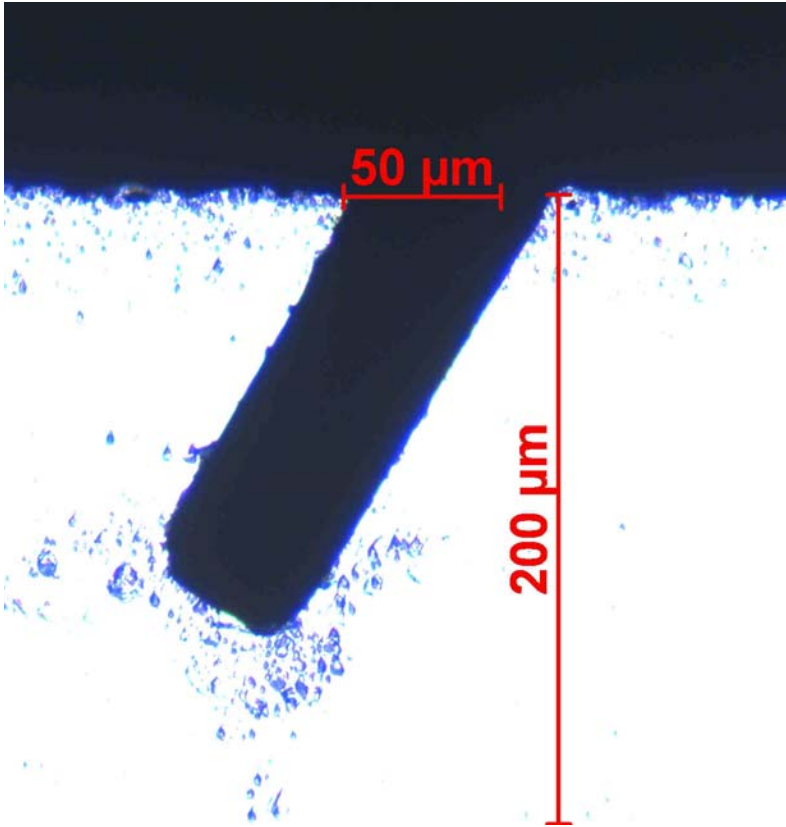
IP: Angled Buried Contact (ABC) cell

- ‘Shading’ problem is solved

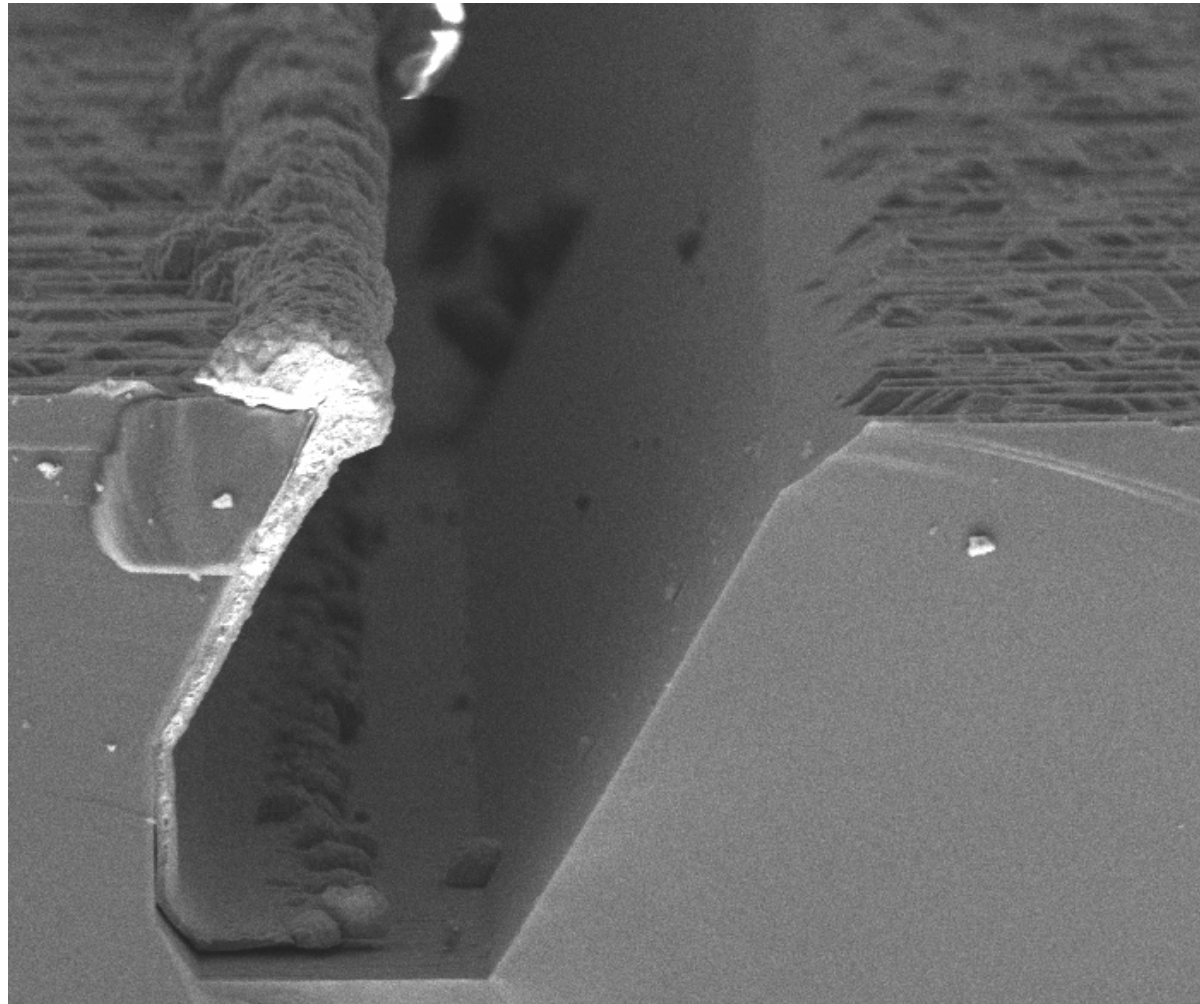


- Cell efficiency increase by up to 7% absolute
eg 16% → 17.1%

Proof-of-Concept

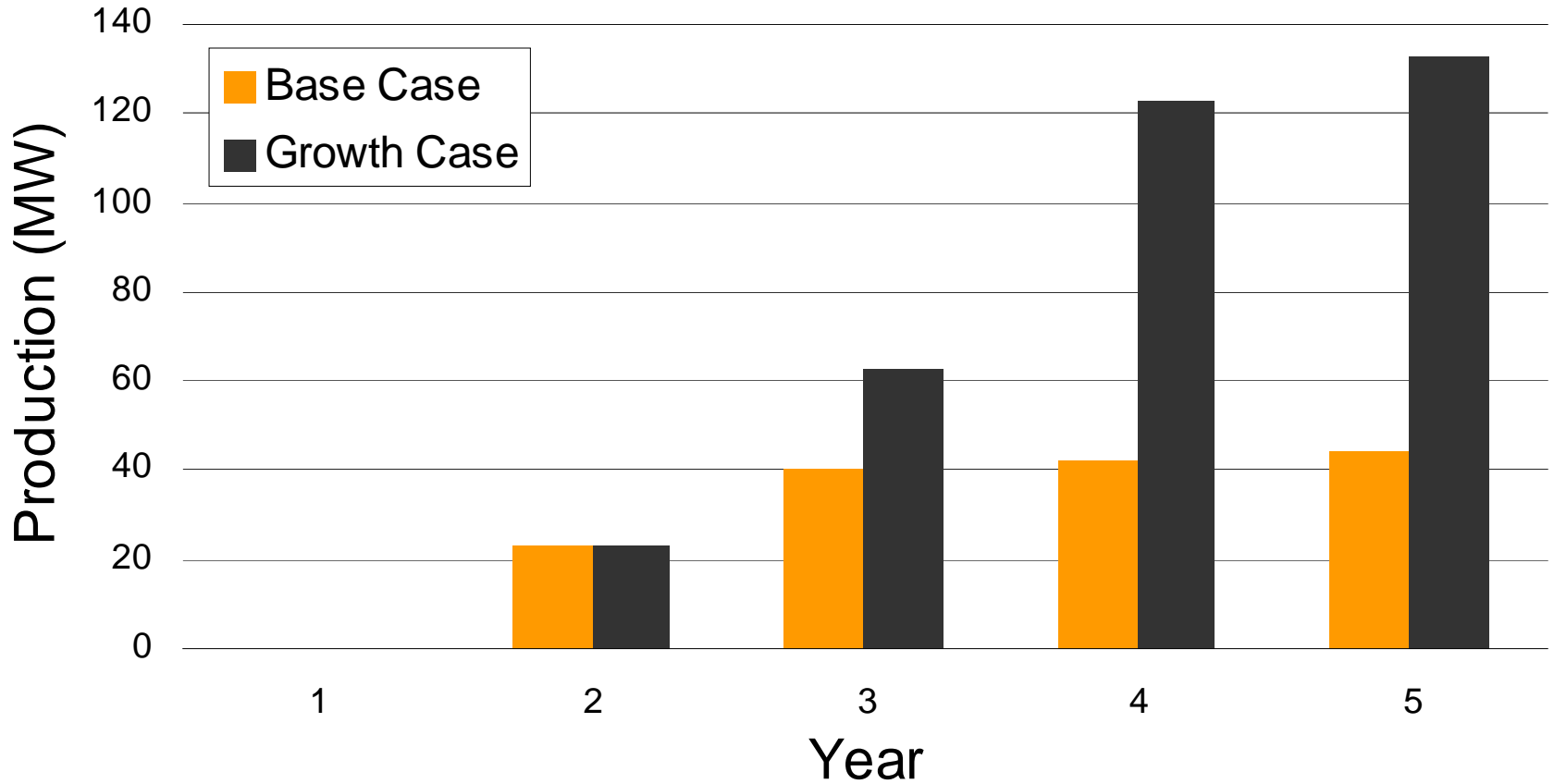


Proof-of-Concept



60 μm

Ramp-up Plans





Thank you

www.spark solar.com.au