

SMART SURVEYORS FOR LAND AND WATER MANAGEMENT
CHALLENGES IN A NEW REALITY



eWORKING WEEK 2021
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Eldar Rubinov

Session 5.4 GNSS Augmentation Services
SouthPAN — Australia and New Zealand SBAS

22 June, 10.30-12.00 CET

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SouthPAN – Australia and New Zealand SBAS

- Between 2017-2019 Australia and New Zealand ran an SBAS testbed to demonstrate the economic benefits of the technology to the region
- 27 projects were completed in 10 different industry sectors with over 100 organisations being involved in the testbed
- An economic benefits report was prepared by FrontierSI and Ernst & Young, which is freely available from the FrontierSi website www.frontiersi.com.au/sbas
- On the back of that work the governments of both countries decided to fund an operational SBAS in the region which will be called Southern Positioning Augmentation Network or SouthPAN
- The tender for SouthPAN is currently underway with test services to commence in the near future and an operational service by 2025



Economic Benefits of SBAS

The benefits of improved positioning technology

OVER 30 YEARS



AUSTRALIA'S
EXPECTED VALUE

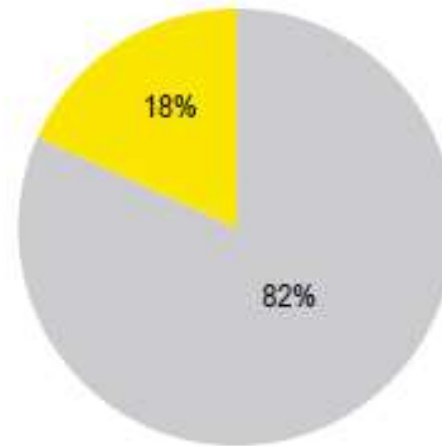
\$6.2 BILLION

NEW ZEALAND'S
EXPECTED VALUE

\$1.4 BILLION

WITH A COMBINED
TOTAL VALUE

\$7.6 BILLION



■ Australia

■ New Zealand

SBAS has economic benefits across a range of sectors
AUSTRALIA & NEW ZEALAND

Agriculture

\$2.2
BILLION



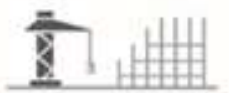
Aviation

\$404
MILLION



Construction

\$1.2
BILLION



Consumer

\$34
MILLION



Maritime

\$588
MILLION



Resources

\$1.58
BILLION



Rail

\$193
MILLION



Water Utilities

\$277
MILLION



Road

\$1.1
BILLION

