#### THE AUSTRALIAN NATIONAL FABRICATION FACILITY

**SNAPSHOT** 

ANFF





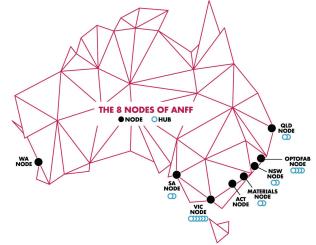
# SA Leaders Lunchbox Chat

13 September 2022



# What is the Australian National Fabrication Facility?

- ANFF provides R&D communities with open access to micro and nano fabrication capabilities.
- Established by the Australian Government's NCRIS program in 2007.
- The network is made of 21 sites organised into eight specialist Nodes.



#### ANFF Node and Hub Locations





### **ANFF Supports Industry**



- Provides access to leading edge nanofabrication facilities <u>and expertise</u>
- ANFF helps:
  - Develop new or innovate existing products
  - Trial advanced techniques/technologies
  - Overcome manufacturing challenges
  - Characterisation
  - Relocate advanced manufacturing from abroad



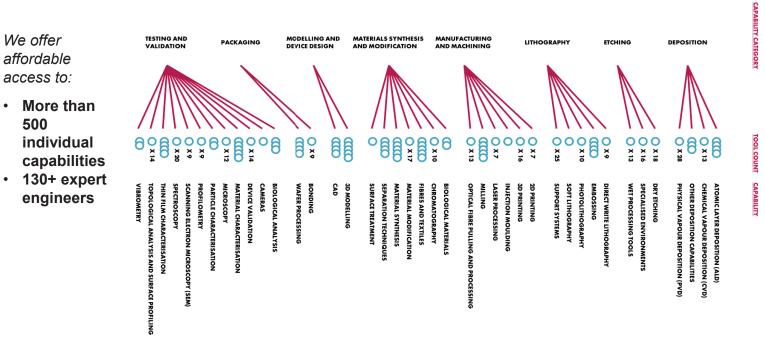
## **ANFF Capabilities**

ANFF

- Modelling and Device Design
- Materials Synthesis and Modification
- Manufacturing and Machining

- Lithography
- Etching
- Deposition
- Packaging
- Testing and Validation

#### **SNAPSHOT OF ANFF**



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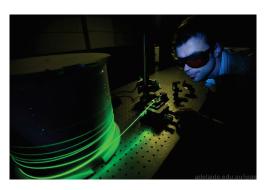
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# **Optofab Adelaide**









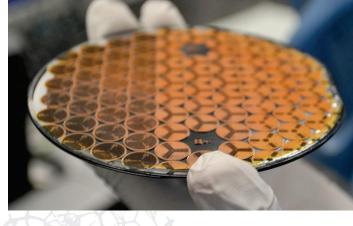






## ANFF-C

- A new program offering commercialisation support for projects born of ANFF
- Provide expertise and funding to advance an idea toward market
- A free service; ANFF will not take a stake in equity or IP



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# **Options in Engaging ANFF**



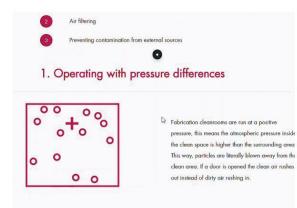
- Access ANFF for:
  - -Direct access to tools and processes
  - -Fee-for-service work
  - -Training
  - -Project advice and consultancy





#### **Online learning resources**

ANFF Enlightened: An open access library of free nanofabrication courses



# Introducing ANFF Enlightened: a free library of nanofab courses

ANFF's learning platform, called ANFF Enlightened, will give you the micro and nanofabrication knowledge to take your projects further, faster.

It's completely free, and absolutely anyone can access this new learning tool, even if you're not one of our clients. Go ahead and sign yourself up to enroll on any course that takes your fancy.

Click here to create your account



#### Connect to explore how ANFF can help

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