INNOVATION PIPELINE

AGRF supports industries through the entire innovation pipeline translating new knowledge and techniques to applied outcomes. AGRF’s commercial users can be broadly categorised into three key areas – discovery, development and service delivery.

Discovery

Powerful genomics techniques are used to discover biological markers that can lead to new products, such as therapeutic or diagnostic products. Discovery activities are performed in collaboration with a diverse range of industry partners including pharmaceutical companies, agricultural breeders and life science testing companies.

The Australian Genome Research Facility Ltd (AGRF) is a key partner in the Bioplatforms Australia infrastructure network and provider of genomics services.

AGRF’s world-class research capability is publicly accessible and increasingly utilised for commercial applications such as the development of therapeutics, pathology services, breeding programs, quality processes and food safety.

INDUSTRY ENGAGEMENT - GENOMICS

Genomics is increasingly being used by Australian industry to fundamentally transform healthcare, food production, agriculture and environmental sustainability.

The impact of DNA-sequencing technology is obvious in diagnosing and treating disease but genomics techniques are also increasing agricultural productivity, facilitating environmentally friendly products and being used to trace commercial species enabling regulation and sustainability decisions.

INDUSTRY ENGAGEMENT - GENOMICS

Genomics is increasingly being used by Australian industry to fundamentally transform healthcare, food production, agriculture and environmental sustainability.

The Australian Genome Research Facility Ltd (AGRF) is a key partner in the Bioplatforms Australia infrastructure network and provider of genomics services.

AGRF’s world-class research capability is publicly accessible and increasingly utilised for commercial applications such as the development of therapeutics, pathology services, breeding programs, quality processes and food safety.

INDUSTRY ENGAGEMENT - GENOMICS

Genomics is increasingly being used by Australian industry to fundamentally transform healthcare, food production, agriculture and environmental sustainability.

The Australian Genome Research Facility Ltd (AGRF) is a key partner in the Bioplatforms Australia infrastructure network and provider of genomics services.

AGRF’s world-class research capability is publicly accessible and increasingly utilised for commercial applications such as the development of therapeutics, pathology services, breeding programs, quality processes and food safety.

DISCOVERY

DEVELOPMENT

DELIVERY

FOOD 3%

OTHER 7%

GENETIC TESTING 12%

ENVIRO 13%

PHARMA 16%

PATHOLOGY 24%

AGRICULTURE 25%

Environmental

Forensics

Pathology

Genetic Testing

Biomedical

Pharmaceutical

Agriculture

Environment

Development

AGRF helps to design, develop, validate and implement novel assays for a broad range of applications relevant to pharmaceutical manufacturing, pathology, agriculture and horticulture, genetic testing and forensics. The assays may be used by the client in-house or may be commercialised as a proprietary testing product.

Delivery

As a NATA-accredited laboratory, AGRF commonly develops and performs assays for a client’s in-house testing and QC or so they can supply them to their own customer base. These assays may have been independently developed by AGRF and sold to a wide range of industry clients or may be contracted by companies during their product development phase.
Bioplatforms Australia is a non-profit organisation that supports Australian life science research with crucial investments in state-of-the-art omics technologies and cutting edge expertise. Investment funding has been provided through the Commonwealth Government National Collaborative Research Infrastructure Strategy, 2009 EIF Super Science Initiative and the Collaborative Research Scheme. Co-investments have been made by State Governments, research institutes and commercial entities.