Irrigation Scheme Development

Tasmanian Irrigation has three development criteria that each scheme must meet:

It must be economically viable.

Based on the region's existing agricultural activities, each scheme must demonstrate that it will generate more wealth at the farm gate than the combined costs of construction and

It must be environmentally sustainable.

Tasmanian Irrigation's demands for minimal environmental impact of schemes at all stages of construction through operation, exceed the requirements of local, state and national regulations.

There must be a social licence.

This means the local community supports it. Tasmanian Irrigation sits on the same side of the table as the community it partners.

Public-Private Partnership

TI develops schemes as public-private partnerships. This means that TI works closely with both Government and private landholders to work out how much water is wanted. The cost of building a scheme is then shared between the State and Commonwealth Governments and irrigators.

The public funding contribution recognises that the wider community will benefit from increased economic activity and employment over time. Private capital contributions are made through the purchase of tradeable water entitlements. Ongoing operating costs, including provision for asset renewal, will not be subsidised and will be met by annual charges levied on water entitlement holders.

TI provides the technical, financial and project management skills to progress schemes from concept development through feasibility, and construction to operations. All schemes developed by TI are designed to last 100 years, deliver water at an average reliability of greater than 95 per cent and are built to satisfy demand in each region.

Address:
Level 2, Launceston Airport Passenger Terminal Building
201 Evandale Road
Western Junction
P O Box 84, TAS 7212

Contact:
Phone: (03) 6398 8433
Fax: (03) 6398 8441
Email: enquiries@tasirrigation.com.au

PHASE 1

PREFEASIBILITY

- Form Irrigator Group
- Expressions of Interest
- Concept development and preliminary assessments
- Basis of Design
- Pipeline route
- Capacities
- Stakeholders consultation
- Preliminary engineering cost estimates
- Socio-economic report
- Secure water and dam

Preferred Design Option Selected

PHASE 2

FEASIBILITY

- Public launch
- Community Consultation initially on concept and then on going
- Feasibility studies: hydrology, flora and fauna, cultural heritage, water quality, land capability, limited geotechnical, water demand; these will generally consist of desk top studies with only specific issues that are identified being investigated on site
- Reserves offset assessment
- Engineering design and cost estimates
- Authorised engineering cost estimate
- Business case
- Board approval

Public Funding Secured

PHASE 3

APPROVALS, DESIGN & TENDERING

- Public launch
- Binding water contracts to the threshold
- Design review
- Detailed engineering design
- Locate pipelines and services exactly and survey
- EPBC Referral or submission to State under Strategic Assessment
- Detailed surveys, environmental impact statement and implementation plan
- Planning approval
- Land and easement acquisition negotiated
- Complete geotechnical investigation
- Tendering and contract preparation
- Sustainable yields results
- Other permits and approvals, as required (e.g. Aboriginal Relics Act, FPPs, Threatened Species Protection Act, Nature Conservation Act etc.)
- Declaration of Irrigation District
- Operations Implementation Plan

Approval to construct

PHASE 4

CONSTRUCTION

- Award contracts
- Construction
- Commissioning and performance testing
- Farm Water Access Plans
- Implementation of Operations

Practical Completion

PHASE 5

COMMISSIONING & OPERATIONS

- Commissioning
- Training & Handover to Operations
- Delivery of water
- Construction defects liability