

EnSym Native Vegetation Regulations Tool

The EnSym Native Vegetation Regulations (NVR) tool has been developed to assist proponents who need to apply for a Native Vegetation Regulation (NVR) under the Native Vegetation Act 1974. For more information, visit https://ensym.biodiversity.vic.gov.au/nvr_tool

About EnSym

EnSym – Environmental Systems Modelling Platform – is a decision support software designed to:

- provide simple and intuitive access to complex environmental data
- provide an understanding of the environmental impacts of proposed actions
- provide a framework for scientists and researchers to model and predict environmental outcomes

EnSym provides users with an evidence-based framework to support decision-makers on how and where to manage native vegetation.

EnSym employs scientific models to understand the impact that actions such as revegetation, weed control and land clearing have on native vegetation.

Scientific models included in EnSym are peer reviewed, published and under continual refinement by researchers.

Benefits of using EnSym

EnSym links science with natural resource management and decision-making. EnSym provides benefits

- **Field and research staff**
- **Catchment managers or planners**
- **Investors and policy makers**
- **Advanced researchers**

EnSym functionality

Assists with natural resource management reporting

EnSym provides practitioners with tools to access external data bases and generate site-specific mana

Assists in the application of market-based approaches to environmental management

Market-based approaches have proven to be successful in achieving [projects](#) effective environmental outc

Simulates hydrological outcomes

Modifying the landscape has an impact on both the surface and [groundwater](#) systems, including the

Improves understanding about landscape connectivity and function

Landscape connectivity and configuration have a significant impact on landscape function, particularly

Provides a research platform for scientists

EnSym is an effective system for testing and applying new and emerging science. EnSym has simulati

EnSym features

- **User friendly**
- **Mapping:**
- **Compatible with GIS:**
- **Spatial analysis:**
- **Centralised data storage**
- **Models:**
- **Simulations**
- **Easy integration:**
- **Environmental benefit scores:**
- **Site management plans:**
- **Web enabled**

and intuitive
multiple spatial data formats
ability to interface with GPS
data can be loaded at a range of
enables access to a variety of da
credible scientific models co
can be run to predict a rang
new landscape models can b
environmental outcomes affectin
management plans can be autom
: can access web-delivered s

System requirements

- 4 GB RAM (minimum)
- Intel dual core processor / I5 processor / I7 processor
- 40GB of free disk space
- Windows XP/Windows 7 (32 bit or 64 bit)
- Dedicated graphics card