Understanding Heritage through Technology

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Geology
The rocks of the Victorian Volcanic Plateau and the Central Victorian Uplands underpin Ballarat's complex geology, including the epoch-defining gold rush.

Topography
Ballarat's evergreen topography showcases undulating plains, ridges, valleys and volcanic hills providing the manifolds on which its rich cultural landscape has evolved.

Hydrology and natural features (ecology)
The flow of Ballarat's creeks, the extensive lakes and water bodies, the native forest and open plains all result from the unique geology and topography that defines the municipality.

Land use patterns & spatial organisation
Ballarat's landscape is testament to its physical and historical development over time, reflected in the tracks, boundaries and settlements that make up its rich tapestry.

Built environment
The buildings, monuments and landscapes of Ballarat, their diverse form and detail, contribute greatly to the character of the city and the quality of its urban landscape.

Open space and gardens
The street trees, public parks and private gardens contributing not only to the gardens city and the network of parks and reserves but also to the fabric of the city and its open country that is cherished by the community.

Infrastructure (above and below ground)
The roads and rail connections and the many utilities and facilities provided in Ballarat all contribute to its celebrated livability.

Perceptions and visual relationships
The view of the city's historic skyline imparts a sense of uniqueness whilst expansive views over Lake Wendouree and out to Mount Warrenheip and Wombat Hill and the Western Plains create a fabulous setting.

Social and cultural practices and values
The many cultural and sporting events, spiritual places, galleries and such give a rich and diverse to Ballarat's cultural life.

Economic processes
From the city's prosperity brought by gold, through subsequent periods of boom and bust into today's globalised world, economic forces have inevitably shaped Ballarat's character.

Intangible dimensions of heritage, diversity and identity
Ballarat's diverse cultures give rise to many stories inspired by history and environment from Aboriginal understandings and the spirit of gumtrees to the creation of its unique landscape.
TOOLKIT FOR (CITY)

KNOWLEDGE & PLANNING TOOLS
- Planning
  - GIS
  - Big data
  - Morphology
    - Impact/vulnerability assessment
    - Policy assessment
    - other?

COMMUNITY ENGAGEMENT TOOLS
- Publicity
  - Dialogue and consultation
  - Community empowerment
  - Cultural mapping
  - other?

REGULATORY SYSTEMS
- Laws and regulations
  - Traditional custom
  - Policies and Plans
  - other?

FINANCIAL TOOLS
- Economics
  - Grants
  - Public-private cooperation
  - other?

CITY OF BALLARAT
3.6 Digital decision making and engagement tools (e.g. 3D)

Using innovative digital tools can help the City of Ballarat, developers and residents make better decisions about how change occurs in our historic city. 3D tools, for example, can provide a ‘real world’ view of change before it happens.

Knowledge is powerful. However, if we do not have enough of the right knowledge nor the tools to help us understand it — we are at a disadvantage. Having the best possible technical support for making decisions is critical.

Digital tools open up a whole new world of possibilities!

What will we do?

✓ Bring digital tools into the planning processes with 3D modelling to help when assessing complex sites and sensitive developments.

✓ Develop scenario case studies to test the impact and potential of technology as a primary tool for decision-making, negotiation and community engagement.

✓ Develop measurements to help us select and visualise the appropriate data that can make a positive difference to on-the-ground outcomes for heritage.

✓ Build an integrated data platform by using appropriate digital technologies that can help us activate the city and integrate our online community engagement tools.41

✓ Continue to capture data and place on open data platforms to make it publicly accessible and progressively make appropriate key data sets residing with Council open and available to the public.42

✓ Continue to partner with researchers and industry experts to develop technology that delivers the dynamic and inter-disciplinary understandings required for our historic city per the HUL approach.
Ballarat Avenue of Honour Plaques

City of Ballarat  /  Created 06/11/2014  /  Updated 16/11/2017

Point data for the location of Plaques in the Ballarat Avenue of Honour. Each plaque represents the Ballarat and district men and women who served in World War One.

Attributes include Site, ID, Feature, Suburb, LG Electoral Ward, FirstName, Surname, Battalion, Rank, Date Enlisted, Killed In Action, Tree Planter, Location of Plaque, Status of Plaque.

Although all due care has been taken to ensure that these data are correct, no warranty is expressed or implied by the City of Ballarat in their use...
Biography

Arthur Robert Gabriel enlisted in an unknown port on the 23rd of October 1912. He had been born in Bolwarrol, Victoria. He volunteered and was posted to numerous different ships as a Chief Petty Officer including HMAS Australia with the Regimental number 407. He was discharged and Returned to Australia on the 31st of December 1918. Tree number 1452.

Location in Ballarat Avenue of Honour

Medals Earned

- British War Medal
- 1914-15 Star
- Victory Medal
- Good Conduct Medal
- Nelson Long Service

Tree Information

- Species: Populus Alba
- Planted By: F. Harvey
- Plaque: 1452

Additional Info

- National Archives of Australia

Share Your Story

Do you know more? You can share your personal stories and photos on the ANZAC Centenary website.
GovHack Ballarat is back for a fifth year and it’s bigger and better than ever! We welcome everyone from the community who wish to bring your enthusiasm and innovation to this year’s event.

Winning team: Foresight Lane, Julian Laffey, S Morgan Creative, Sam Cooney, David McGinniss from CRCAH (FedUni).
Forming our landscape
500 million years ago
Visualising Ballarat: A mapping interface bringing together the ‘DNA’ of Ballarat.

Visualising Ballarat is a new mapping interface which brings together the 'DNA' of the municipality of Ballarat. It’s part of an international program to change the way we see and understand local places called the Historic Urban Landscape (HUL) approach.
Thank you

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