

# BULLETIN

March 2019

Volume 26, Number 2

## Presentation by Bouygues on Melbourne Metro Project

### Wednesday 20th March 2019

The AFAS-Vic Committee is pleased to host a talk by **Seved ROBIN**, CEO of Bouygues Construction Australia.

With over 23 years of experience in the construction industry, Seved has brought to fruition major civil engineering projects around the world, covering both design and construction of tunnels, bridges, airports, roads and marine works.

Seved worked as a client representative for the French Ministry of Publics Works for 4 years. He joined Bouygues Construction in 1999 and was project director or construction manager for various projects, including road rehabilitation, tunnelling and breakwaters, in Africa and the Caribbean.

With strong leadership skills and business acumen, Seved relocated to Hong Kong in 2006, where he worked as a Project Director on major pieces of infrastructure: the East Tsing Yi Viaduct project, the Ocean Park extension, the West Island Line 703 (2009 - 2013), and the Tuen Mun Chek Lap Kok Link (2013-2017). His successful management of these challenging projects strengthened his expertise in tunnel construction and management of mega projects.

Seved joined Bouygues Construction Australia (BYCA) in Sydney in February 2017, managing the development, engineering and operations of the business. He notably executed the Melbourne Metro Tunnel contract, Victoria's largest transport infrastructure project in history. Bouygues Construction Australia's ongoing activities involve the motorway tunnels NorthConnex and WestConnex in Sydney, and seven solar farms in Queensland and New South Wales.

The presentation will cover the Metro Tunnel project, one of Bouygues Construction Australia's latest PPP contract. As part of Cross Yarra Partnership (CYP), a joint venture with Lendlease Engineering and John Holland, BYCA is delivering the design and construction of a new end-to-end rail line comprising twin nine-kilometre tunnels and five new underground stations, at Arden (North Melbourne), Parkville and Anzac, and two new CBD stations (State Library and Town Hall), which will directly connect to the City Loop.

CYP has been contracted by Rail Projects Victoria on behalf of the State Government of Victoria to design, build and maintain the tunnels and stations for the Metro Tunnel project. A range of construction techniques will be used to build this large-scale project.

**Drinks & nibbles will be served, courtesy of Advisian.**

<p><b>WHEN:</b> Wednesday <b>20th March 2019</b>  <b>TIME:</b> Start 5:30pm – 7:30pm  <b>WHERE:</b> <a href="#">Advisian</a>  <a href="#">Level 13, 333 Collins St</a>  <a href="#">Melbourne 3000</a></p>	<p>RSVP before Friday 15th March 2019 to</p> <p>Peter Tolé,                      Ph 03 9810 5724 (BH)          Mobile 0412 435 344          <a href="mailto:Peter.Tole@advisian.com">Peter.Tole@advisian.com</a></p>
--	--



## About the project

The Metro Tunnel will free up space in the City Loop to run more trains to and from the suburbs, by taking our busiest train lines through a new tunnel under the city. That means more trains, more often across Victoria, with a less crowded and more reliable train network.

## About Cross Yarra Partnership (CYP).

CYP brings together three of Australia's leading construction partners, John Holland Pty Ltd, Lendlease Engineering Pty Ltd and Bouygues Construction Pty Ltd who have the world's best experience in tunnelling and engineering, coupled with leading Australian experts who have proven experience in local ground conditions of complex Australian rail projects.

## Tunnel Boring Machines

Four giant Tunnel Boring Machines (TBMs) are needed to dig the Metro Tunnel. Lowered into the ground at North Melbourne and St Kilda Road in pieces and then assembled, they operate as moving factories travelling deep under Melbourne.

TBMs perform two main tasks:

- Excavating rock and soil with a rotating cutter head at the front of the machine before it is transported via pipes running through and behind the TBM.
- Progressively installing curved concrete segments to create a watertight lining inside the tunnels.

## Metro Tunnel Project (Tunnels and Stations PPP)

The Metro Tunnel Project (Tunnels and Stations PPP) is an \$11 billion dollar, multi-disciplinary, city shaping project that will help define the future of Melbourne. The Tunnels and Stations PPP includes the construction of twin 9km rail tunnels from Kensington to South Yarra as part of a new end to end Sunshine to Dandenong line and new underground stations at Arden, Parkville, CBD North (with a direct pedestrian connection with Melbourne Central station), CBD South (with a direct pedestrian connection with Flinders Street Station) and Domain.

## CALENDAR FOR 2019

15th March:  
Talk: Renault Sport

**20th March:**  
Talk: Bouygues on Melbourne Metro Project.

**May:**  
AGM and Annual Reception at Melbourne University with  
Talk: Sustainable Concrete.

**June:**  
Function with Materials Australia

**August:**  
Function with CSIRO

**September:**  
Annual Dinner

**October :**  
Talk: Hydrogen fueled trains.

**November:**  
Function to award AFAS Fellowships

*Melbourne French Theatre*  
AFAS members are now eligible for a Concession when booking for MFT plays. Refer to the web site for details:  
<http://www.mftinc.org>

### AFAS Website

We have updated our website.  
See [www.afas.org.au](http://www.afas.org.au)