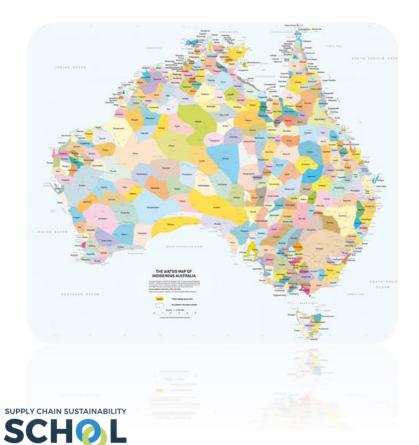
More Trains – More Services Stage 2

Supplier Engagement Forum



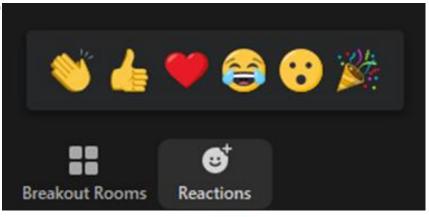




acknowledgement, inclusion & respect



- Recording
- Video off unless presenting
- Audio mute unless presenting
- Chat questions visible to everyone
- Behave reasonably...
- And have fun











Agenda

Item	Topic	Speaker/s
1	Welcome	Hayley Jarick - CEO, Supply Chain Sustainability School
2	Project overviews	James Griffin – Project Director, TfNSW Paul Dudding – General Manager, Next Rail (North Package) David Robotham – General Manager, Transport for Tomorrow (TFT) (South Package)
3	MTMS Program Sustainability Expectations	Ingrid Segovia & Tim Clarke – TfNSW Matt Dimarco – Next Rail Lindsey Spiller – TFT
4	Social Procurement & Workforce Development	Basilia McGaw – TFT Madison Page – Next Rail Alex Bonello – Next Rail Mariana Allen – Next Rail
5	Supply Nation	Ben Price – Supply Nation
6	Procurement Expectations Tender Process Supplier Evaluation Process	Tom Cho – Next Rail Richard Bentley – TFT
7	About the Supply Chain Sustainability School & how the online resources can benefit your organisation. Landing Page Introduction and EOI	Hayley Jarick - CEO, Supply Chain Sustainability School
8	Question Time	
9	Wrap Up	Hayley Jarick - CEO, Supply Chain Sustainability School









MTMS Stage 2 Program Overview

MEDIUM TERM RAIL DEVELOPMENT



Stage 1 Delivered in 2018



10-year plan

2022 Stage 2

T4 and T8

Transformation Transformation

2024 Stage 3

T1, T4 and T8

Stage 4
Building to
Future
Transport





Dedicated services for intercity

customers







New infrastructure will enable faster services

OUTCOMES

Transform and simplify Sydney's train network to deliver turn up and go services, faster journeys and greater capacity

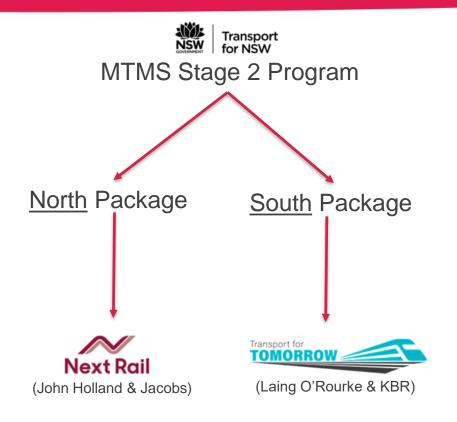
- Turn up and go services for more customers
- Faster journeys for longer distance customers
- Simplified network providing more reliable services

After Sydney Metro City & Southwest opens in 2024



will be on the heavy rail network

MTMS Stage 2 Program Overview



Next Rail More Trains More Services Stage 2 Northern IDE



Transport for Tomorrow

More Trains More Services Stage 2 Southern IDE







Bogie Exchange System and associated works.

Waterfall Infrastructure Upgrade Stabling for 10 additional Suburban trains, platform

extensions and a freight loop. Stabling Upgrades for Long NIF

Port Kembla and Wollongong.

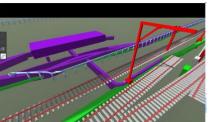
Station Improvements Platform extensions and associated works for longer NIF trains.

Power Supply Feeder upgrades.

> Asset Rationalisation, Asset Resilience, **Transport Integration & Sustainability**

Program-wide initiatives to prepare the network for the increase in services and trains already announced.





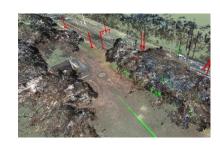






What's important for us?

- Innovation and Excellence
- Think differently, be better
- Respecting & enhancing communities
- Reward smart thinking
- Local and Aboriginal businesses
- Supplier partnerships
- Investing for the future







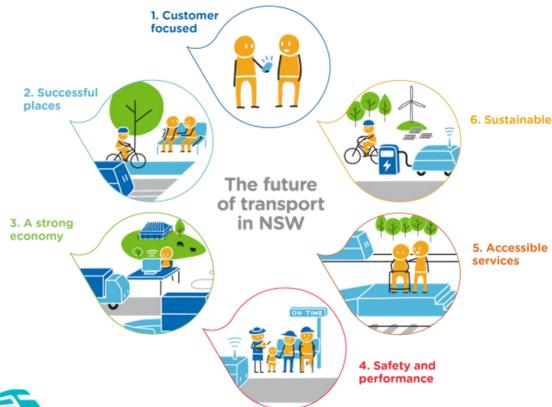
MTMS Stage 2 Objectives

Item	Objectives
Cost	■ To demonstrate and ensure VfM/best in class to deliver the MTMS Program Objectives with acceptable risk.
Safety	Safely deliver the MTMS Program.
	Manage risks in a brownfield environment to meet the MTMS Program schedule.
Social Outcomes	 Continually drive social and environmental outcomes through delivery of the MTMS Program.
	 Develop long term sustainable industry partnerships, through long term certainty of work, delivering innovative solutions.
	Meet or exceed our 'end customer' outcomes through:
	minimising customer disruption; and
	optimising Track Possession usage and access.
	Minimise impact to the community (business, residents, customers), e.g. Disruptions, efficient possessions.
	■ To attract, retain and develop skilled and critical resources to deliver the MTMS Program.
Innovation	 Drive innovative approaches to attracting, retaining and developing resources to achieve efficient use of both public and industry resources (critical and general).
Program	 Safely deliver the MTMS Program on schedule to achieve the customer outcomes as outlined in the business case.
Sustainability	 To establish, within the MTMS Program, long-term tangible sustainable outcomes (environmental, social and training).



Sustainability Expectations

Future Transport 2056









Sustainability Expectations

UN Sustainability Goals



Sustainability Expectations

TfNSW Sustainability Approach

Future Transport Strategy 2056 (2018)

Future Transport Strategy 2056 is an overarching strategy, supported by a suite of plans to achieve a 40 year vision for our transport system.

Transport Environment and Sustainability Policy (2020)

The Policy outlines a commitment to deliver transport which contributes for economic prosperity, social inclusion in an environmentally responsible and sustainable manner.

Transport Sustainability Plan (In Development)

The Plan supports and responds to Future Transport Strategy 2056. It outlines a commitment to deliver transport which contributes for economic prosperity, social inclusion in an environmentally responsible and sustainable manner.

Transport Social Procurement Workforce Policy for Capital Projects (2018)

The policy applies to all capital projects over \$10 million. The Policy and associated procedures and tools will round out Transport's approach to sustainability by focussing on:

- Maximising employment opportunities for underrepresented groups;
- Building capacity in the workforce by attracting a wider audience to industry;
- Developing the skills base of the workforce; and
- Supporting the communities with whom we live, work and serve.

Sustainability Objectives & Targets

Contract Target

65/110 ISCA IS Rating

Social Procurement

25%

Aboriginal and/or Torres Strait Islander people

25% Youth employment

25%

Females in nontraditional roles

Water

Reduce operational water consumption

Reduce construction water consumption

Subcontractors are empowered to use nonpotable water wherever possible

Energy

Reduce operational energy consumption

Reduce construction energy consumption

Procurement

Reward Suppliers and Subcontractors for innovation to assisting the Project in achieving these targets.

Materials

Reduction in lifecycle environmental impacts of material

>9%

Of materials purchased have an EPD (Environmental label)

Steel supplied to the Project or purchased by Subcontractors must be covered by an EPD.

Reduction in lifecycle environmental impacts of material

Waste

95%

of all spoil is diverted from landfill

90%

of inert and nonhazardous waste is diverted from landfill

60%

of office waste is diverted from landfill

95%

Conservation of topsoil resources

Stakeholder Engagement

Implement
a collaborative
approach to
minimise impacts to
key Stakeholders
and the Projects
surrounding
communities.







Innovation

Speak Up! If you are doing something amazing, we want to know about it!



- Cost efficiency
- ✓ Product performance
- ✓ Program efficiency
- Environmental outcomes
- ✓ Stakeholder impacts
- ✓ Social outcomes (community, workforce, diversity)
- Customer satisfaction
- Reputation
- ✓ Safety.





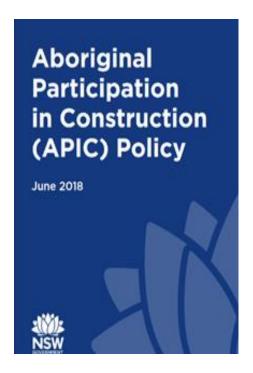




Social procurement is a unique opportunity to use Government purchasing power to positively impact society

Five objectives

- 1. Meeting NSW Government mandatory requirements
- 2. Building workforce capacity and legacy
- 3. Strengthening workforce diversity and participation
- 4. Local engagement
- 5. Community inclusion



Infrastructure Skills Legacy Program

Will boost the number of skilled construction workers and create fresh pathways to employment across the state



The importance of our social responsibility

'Our opportunity to create generations of Social outcomes, when procuring goods & services for the program'

- Create opportunities for local businesses and build their capacity
- Maximise opportunities for underrepresented groups
- Supporting & spending in the communities in which we will work
- Support our vision for a diverse & inclusive program



Spending the same dollar twice

Procurement Process of acquiring goods, services and works

Social Procurement

Process of acquiring Generation of so ods, services and works outcomes

Social procurement for the More Trains More Services program is focused on the following opportunities:

- ✓ Engage Aboriginal people in direct employment, engage Aboriginal businesses through procurement of goods and services and further develop Cultural Awareness in the workforce;
- ✓ Create employment for youth and long term unemployed;
- ✓ Diversify the workforce (women in non-traditional roles);
- ✓ Provide employment and contribute to increasing the employability of people with disabilities;
- ✓ Engage Social Enterprise;
- ✓ Directly impact local employment and engage local businesses within the supply chain









Both North & South will seek the commitment and participation of our supply chain to meet the following:

2.5% Aboriginal and Torres Strait Islander Workforce

50% of Aboriginal employees to be retained greater than 12 months

1.5% Aboriginal Participation Spend

2% of the total labour workforce to be made up of women in Nontraditional roles

20% of total labour workforce to be made up of learning workers **20%** of all trades to be made up of Apprentices

5% of the overall workforce from disadvantaged, disabled and underrepresented groups

2% of the workforce to be female

8% of the total labour workforce to be under 25 6 work placements per annum (pro rata) for people over 16 years of age and currently in school 6 graduate placements per annum (pro rata) for university undergraduates or recent graduates

1% Social and Disability Enterprise Spend



Indigenous Business Verification

- FREE to Register businesses that are at least 50% Indigenous owned
- FREE to Certify Indigenous businesses (51% or more Indigenous owned, managed and controlled)

Membership

- Helps your organisation engage with Indigenous businesses
- Available for Corporate, Government and Not for Profits

Ben Price Relationship Manager, NSW Supply Nation |www.supplynation.org.au ben.price@supplynation.org.au| 0415 743 520

Procurement Packages - South

Geography of works

- Mortdale
- Waterfall
- Thirroul
- Bellambi
- Wollongong
- Coniston
- Port Kembla
- Kiama

Package	Scope
Various 'Building' Subcontractors	Steelwork, metalwork, roller doors, precast walls etc
In Ground Materials	Precast pipe, Precast pits, HDPE pipe, Conduits etc.
Labour Hire	Supply of labour
Protecion Officers	Supply of protection officers
Rail Steel	Supply of rail steel
Galvanised Steel Troughing	Supply of GST
OHW Masts and Portal Materials	Supply of galvanised steel masts and portals
Quarry Materials	Supply of various quarry materials, aggregates, ballast etc
Power Equipment	Transformers, Switchgear etc.
Piling	Various locations
Cabling	Supply of various types of cable
Civils and Earthworks Subcontractors	Various locations
Drainage Subcontractors	Various locations
Fencing Subcontractors	Various locations
Concrete Supply	Various locations
Reinforcement Supply	Various locations
Electrical / Lighting Subcontractrors	To platforms and yards - various locations
Metalwork Subcontractors	Various locations
Modular Buildings	Various locations







Procurement Packages - North

Geography of works

- Erskineville
- Sydney Yard (Central)
- Mascot
- Wolli Creek
- Hurstville

Package	Scope
Earthworks Plant & Hi Rail Plant	Plant Hire Rates
Quarry Products	Supply of all Quarry Products
Labour Hire-Excluding Signal	Labour Hire Rates
Spoil & Slurry Disposal	Cart and Dispose of Spoil including Tip fees
Survey	Survey Crew rates
Bored Piling Substations	Install Bored Piling Rates
Civil Stormwater Drainage Install	Trench, Lay Pipes and backfill & Install Pits
Form Reo Pour - Substations	Install Formwork , Tie Reo & Place Concrete
Concrete Supply Only	Supply & Deliver Concrete
Reinforcing Steel Supply	Supply & Deliver
Precast Drainage Items Supply	Supply & Deliver
CSR: GST_GLT Supply	Supply & Deliver Troughs ,Pits
CSR/GST Install works	Install above Ground CSR -GST works
Switches & Crossings	Supply & Deliver Switches
Structural Steel Work	Supply & Deliver OHW Masts, Portals & For Building etc
Protection Officers Rates	Crew rates
HV Switchgear	Supply & Deliver HV Switch gear
Transformer Rectifiers	Supply & Deliver Transformers
DC Switchboards	Supply & Deliver Switchboards
HV Switchgear	Supply & Deliver
Transformer Rectifiers	Supply & Deliver
DC Equipment	Supply & Deliver
DC Switchboards	Supply & Deliver

Tender Process

Commercial team release a **request for tender (RFT)** to potential subcontractors to provide services to the project



RFT documentation, including Env. & Sust. Subcontractor Pack and draft contract conditions will be provided to the subcontractor to **review**



A **Tender Interview** will be conducted between the Project team as applicable (Including Sustainability) and the potential subcontractors. The tender interview will include Sustainability questions



The tender proposal provided by the subcontractor and the tender interview outcomes will be analysed as part of a multi-criteria analysis (MCA). This **Tender Analysis**, incorporates >20% non-financial aspects.



The works will be **awarded** to the most suitable subcontractor as per the outcome of the tender analysis



How to register EOI

Context – Our tender evaluation approach

Collect Data
Understand Your
Business



Sort The Data
Find Your Business
Match to Our Opportunities

How to register EOI

Where to Submit your EOI:

https://www.supplychainschool.org.au/learn/mtms-south/

https://www.supplychainschool.org.au/learn/mtms-north/

Why do we ask questions about your business and why its important:

- So we can understand the size of your business and match you to opportunities,
- So we can understand where you are located in relation to the project,
- So we can understand how well you are placed to help us achieve our social procurement targets.



Supply Chain Sustainability School

Hayley Jarick, CEO

SECTION ONE

About the School

How does the School operate?

Not for profit

Funded by Partner organisations

FREE learning resources

FREE Membership



Provide learning materials

Offer a common language

Lead upskilling

Purpose

Increase industry competency

Collaborate with industry

Diverse delivery

Support existing industry and NFPs

Collaborate with knowledge institutions

Enable knowledge sharing by innovators

Resource types and topics







Funded & supported by leading organisations



































































SECTION TWO

About <u>FREE</u> Membership



\$0

membership fees with an unlimited users subscription

Upskill your workforce with our online

Resource Catalogue of

450+

FREE resources Promote your products. services and build your network at



FREE workshops & industry events

Stay up to speed with an unlimited user subscription



FREE newsletter

Track and promote your status









Don't take our word for it, this is what our members tell us...

Sustainability

is increasingly being used in tender applications and to win work

70%

of members reported that sustainability knowledge has become more important in the last vear

72%

of members have seen economic, social or environmental benefits from improved supply chains

75% of members see the

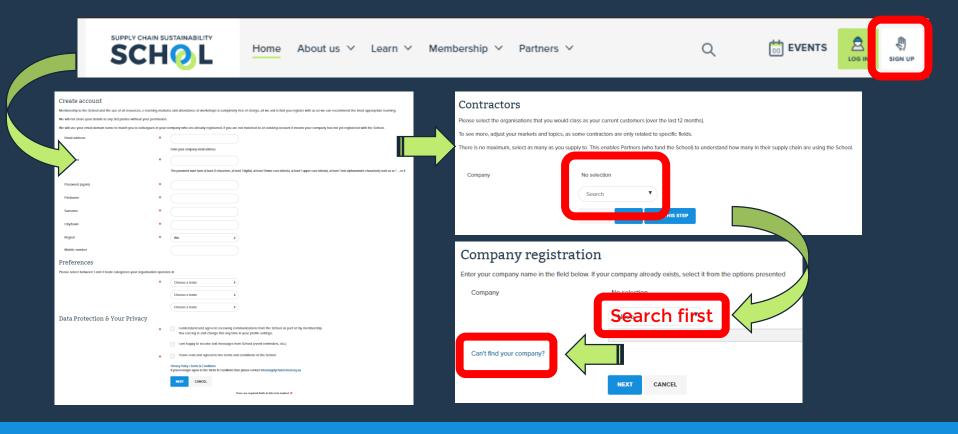
SUPPLY CHAIN SUSTAINABILITY



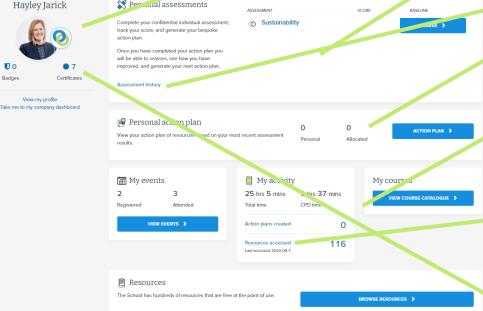
as **the** go-to online resource for supply chain sustainability knowledge

How to create a new Member account

Go to https://www.supplychainschool.org.au/







Personal Dashboard

See your name, avatar and a link to toggle to your company dashboard

Access your personal assessments and view your latest baseline scores

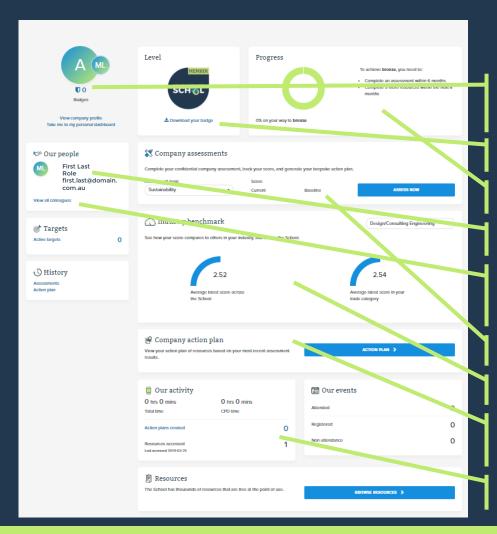
View your assessment history

Find your action plans and resources you've been allocated from your Company's action plan

Track your activity including events you've attended, resources you've viewed and courses you've enrolled in

Click on Resources Accessed to view a full breakdown of all the resources you've started and completed

Download your certificates and badges



Member Dashboard

Use the icon or links to switch between your Personal and Company Dashboards

Download your Membership level badge

And how to get to the next level

See who your account owner is

And see who else in your company has signed up, see what they've completed and invite colleagues to join you

Track your Company Assessments

And benchmark yourself against others

View your action plan and allocate resources to colleagues to complete

And keep track of how you're going



Owner

This user is the main point of contact for the account, and can complete Company Assessments and view Company action plans. They can invite, approve and reject new users to their account.



Admin
These users have the same rights as Owners.
An account can have as many admins as they like.
Admins can assign roles to other users.



Member
These users can only
complete personal
assessments and action
plans. They can view their
colleagues, but cannot
approve or reject new
users.

SECTION THREE

MTMS Stage 2

Landing page



Home About us V Learn V Membership V Partners V

Assess your knowledge

Ask a question

edge Resources

Learning Pathways

E-learning Events

Videos

What's new

IS v1.2 Innovation Challenge 6

Modern Slavery

Partner project pages

The GPT Group

Landcom NSW Suppliers

....

More Trains, More Services Stage 2

RMIT

Stockland Projects VIC Councils

Downer Group projects

Parramatta Connect

Downer Major Projects in Regional Victoria

Laing O'Rourke projects

Armadale Road to North Lake Road Bridge

Project

More Trains, More Services (Stage 2 South)

Redfern Station Upgrade – New Southern

Concourse

https://www.supplychainschool.org.au/learn/mtms/

More Trains, More Services

Stage 2

About More Trains, More Services



Over the next ten years the More Trains, More Services program will roll out world-class technology to transform the rail network and provide customers with more reliable, high capacity turn up and go services.

More than \$4.3 billion is being invested in the More Trains, More Services program, which has already delivered more than 1700 additional weekly services across the rail network since 2012.

The next stages of More Trains, More Services will focus on delivering improvements to the T4 Illawarra, T8 Airport and South and the South Coast lines. Every day more the 410,000 customers travel on these lines, almost a third of all Sydney Trains customers.

Need for the MTMS Program

Transport for NNW (TNSW) has a 10 year all development plan and prioritized investment program for not services, feet are production that is known as the Medium form Rail Development Program MITROP. The faults melaword prioritized is between public transport or private and entered continuous members. The MITROP compliance is serviced by the members of NSW Government intrisdructure plans and the work of the Greater Sydney Commission of MITROP has identified the need for improvements to the 14 Hawarra conflict.

More Tories More Services (MTMS) is the mechanism to transform the ordine heavy rail network over the need. If years. The initial three-stages will deliver the Medium Torn Rail Development Pan (MTRDP), a comprehensive 10 year plan to create the suburban and interetly heavy rail of which were projected customer demands and requirements through enabling the transformation of priority lines to automated, high capacity, turn up and go not services.

The 14 Blasems Line currently uses at capacity and is brocast to be significantly above capacity "15. ThiSN has determined that the line cannot provide the medium term capacity increases forecast for 2024 and beyond; Facches such as the significant unban development and upon 14 Blasems Line." 2024 and beyond; Facches such as the significant unban development and upon 14 Blasems Line. In the capacity of the significant of the si

In addition to the forecast increase in passenger demand, planned changes to the configuration, such as the Illawarra Local track between Wolli Creek and Century

North Package

Follow this link to see the north packer scope, policies, objectives, targets resources and EOI details.

NORTH PACKAGE

South Package

Follow this link to see the south package's scope, policies, objectives, targets, resources and EOI details.

SOUTH PACKAGE >

Transport ...W

as link to see Transport for NSW

TFNSW PROJECT INFO

•

More Trains, More Services Stage 2 North Package

T4 Capacity Improvement and T8 Airport Line Capacity

About Next Rail



John Holland has joined with Jacobs to partner with Transport for NSW to deliver state ofthe att improvements for NSW train customers. The partnership, known as Next Rait, has been awarded the More Trains, More Services stage 2 north package of works that includes T4 capacity improvement and T8 Airport Line capacity improvement.

The contract will help provide a major improvement in services by removing bottlienecks and delivering essential inflastructure uggrades between Central and Hurstville on the T4 Illawarra, T8 Airport and South Coast lines including:

- Reconfiguration of the track at Sydney Terminal and
- Upgrades to Erskineville and Hurstville Crossovers
- Signaling, overhead wiring, traction power and substati
- Other network power upgrades

The project worth close to \$260 million will create approximate of the project and improve customer journeys across NSW.

Construction will begin in the middle of 2020 and be comp improvements, which are planned for late 2022.

9

More Trains, More Services Stage 2 South Package

T4 Eastern Suburbs and Illawarra Line and the South Coast Line upgrade

Sustainability Policy

Next Rail Sustainability Policy

- Next Rail:

 afnot Balancing concerning, environmental and social
 positive logacy and contribute to a sustainable transport of
 work lowards achieving this commitment by implementing a St.
 the MTMS Program by:
- Considering whole of life costing
- Working together
 Fostering innovation
- Having a customer and community focus
- Engaging our partners
 Considering the future

Road the Next Rail Sustainability Policy for details.

About Transport for Tomorrow



Laring CPROUND has partnered with faith and transport for feath to deliver the Mote transthe Services Stage 2 South Works Package. The partnership, known as Transport for Tomorrow, will upgrade the T4 Eastern Suburbs and Illawarra Line and the South Coast. Line.

The \$250 million South Works Package is expected to provide a number of jobs in areas along the South Coast. This is hoped to give people an opportunity to work close to home. Transport for Terrorrow has also committed on an infrastructure Skills Logacy Program to provide local workers and suppliers with the opportunity to gain experience on

Sustainability Policy



sections are in subsequently in a local trainfaction of the bearines, on a distribution and our planet. Limit proportions on a subjectly place of through our planet of most planet. Limit proposals in a subjectly place of through our planet of most planet, possible ground and value of the planet planet of the substantiality. They purply substantial training the planet planet of the substantiality of the planet planet of the substantiality. They purply substantial training the planet plane

Read the Transport for Tomorrow Sustainability Policy for details.

Learn

Transport for Tomorrow has partnered with the Supply Chain Sustainability School to provide free sustainability learning resources for staff, key contractors, suppliers and partners, so that not just every project - but every part of the supply chain - can be more sustainable.

There are three key steps that Transport for Tomorrow would like you to take. After all, everyone plays a part in creating successful, sustainable projects:



Sign up or log in

Membership is fast, free and simple.

LOG IN 3



Complete a Self Assessment

This will help you understand your own (and your organisation's) level of sustainability knowledge. It will also give you your free sustainability learning action plan.

ASSESSMENT >



Start learning

Start learning by completing the learning resources below



SUSTAINABLE CONSTRUCTION Sustainable

Construction e-learning module

E-LEARNING MODULE

carbon and energy and ethical sustainable construction issues.

includes waste, water, transport,

(60 minutes



BIODIVERSITY, CARBON AND ENERGY, ENVIRONMENTAL

MANAGEMENT, LOCAL

SUSTAINABLE PROCUREMENT

An introduction to Sustainable Procurement e-learning module

E-LEARNING MODULE

This short online module explains what 'Sustainable Procurement' means, how it's relevant to you...

(60 minutes

COMMUNITY AND ECONOMY. MATERIALS, SUSTAINABLE CONSTRUCTION, SUSTAIN PROCUREMENT, WAST National Cir Econor .ab | Planet

.s LINK

Planet Ark is taking the lead on creating the National Circular Economy Hub and Marketplace...

minutes (2) minutes

LEARN MORE



Sustainable Construction elearning module

E-LEARNING MODULE

This module will discuss the various themes of sustainable construction, including waste, water, transport, carbon and energy and ethical issues.

BEGINNER



LEARN MORE >

- 1. Defining sustainable development and construction
- 2. Why is it important to business
- 3. How to implement in your business



Thank you

Hayley Jarick CEO

ceo@supplychainschool.org.au www.supplychainschool.org.au

Questions

Transport for NSW	James Griffin – Project Director, Ingrid Segovia & Tim Clarke
Next Rail (North Package)	Paul Dudding – General Manager, Matt Dimarco, Madison Page, Alex Bonello, Mariana Allen & Tom Cho.
Transport for Tomorrow (TFT) (South Package)	David Robotham – General Manager, Lindsey Spiller, Basilia McGaw & Richard Bentley
Supply Nation	Ben Price
Supply Chain Sustainability School	Hayley Jarick - CEO









Thank you for attending the

More Trains – More Services Stage 2 Supplier Engagement Forum

https://www.supplychainschool.org.au/learn/mtms/



