Appendix A: Bilateral Implementation Plan – National Skills Agreement Policy Initiatives

PRELIMINARIES

- 1. This implementation plan is made between the Commonwealth of Australia (Commonwealth) and Victoria under the 2024–2028 National Skills Agreement (the NSA) and should be read in conjunction with the NSA and the NSA Bilateral Implementation Plan Guidance.
- Once executed, this implementation plan and any updates agreed with the Commonwealth, will be appended to the NSA and will be published on the Commonwealth's Federal Financial Relations website (<u>https://federalfinancialrelations.gov.au</u>).
- 3. This implementation plan is expected to expire on 31 December 2028 (in line with the NSA), or on completion of the initiative, including final performance reporting and processing of final payments against milestones.
- 4. In all public materials relating to the policy initiatives, Victoria will acknowledge the Commonwealth's contribution with the following statement: The Future of Housing Construction Centre of Excellence is a joint initiative between the Australian Government and the Victorian Government.

REPORTING AND PAYMENTS

Reporting

- 1. Performance reporting will be due by 31 March and 30 September each year until the cessation of this Implementation Plan, or the final payment is processed.
- 2. Victoria will provide to the Commonwealth a traffic light status and activity summary on all policy initiatives.
- 3. The Commonwealth will provide templates for the purposes of reporting.

Payments

- 1. The Commonwealth will make payment subject to performance reporting demonstrating the relevant milestone has been met. After the initial payment, second and subsequent milestone payments will be assessed and processed in the following reporting period.
- 2. As part of the performance reporting, Victoria will provide evidence of what has been delivered in the reporting period. Payments will be processed once performance reports have been assessed and accepted.
- 3. Where a payment is due at a reporting period (31 March and/or 30 September), Victoria will complete the relevant section of the reporting template and provide the evidence required as agreed in the Milestones and Payments associated with this Implementation Plan.

TAFE CENTRES OF EXCELLENCE (Clause A112 to A116 of the NSA) *Future of Housing Construction Centre of Excellence*

1) Outline and priority area(s) addressed:

Melbourne Polytechnic's \$50 million Future of Housing Construction Centre of Excellence (the Centre) will lead the development of a modernised national construction workforce through the National TAFE Network and the creation of leading-edge training materials and modern training methodologies in Industry 4.0 techniques, while also driving a nation-wide growth in skills development for the nascent Modern Methods of Construction (MMC) industry.

Productivity performance in the construction sector nationally has been weak for the past three decades. MMC and Industry 4.0 techniques present a significant opportunity to raise capacity and productivity in the residential construction industry. Repeatability, innovative processes and engineering practices, together with new products, services, and business models create efficiencies and reduce the need for manual labour. MMC techniques alone are estimated to be 14% more productive than current construction methods and offer a range of benefits that, with increased adoption in the residential construction sector, will improve competitiveness and efficiency.

Boosting the productive capacity of the national construction workforce will be critical in achieving these productivity gains and delivering national housing supply needs. Currently around 30% of construction workers do not hold a postsecondary qualification. Upskilling the workforce will be crucial in realising productivity gains. The Future of Housing Construction Centre of Excellence will be the hub to lead this national development, through Melbourne Polytechnic's engagement with the National TAFE Network. It will deliver this through innovative training methodologies, modern and industry-focussed curriculum development, including through investigations into piloting accelerated training methodologies such as micro-credentials, broad educator capability improvements, applied research, as well as engaging with industry to solve real-world problems in translating modern and rapidly-changing technological requirements into the future workforce.

The Centre will be located at Melbourne Polytechnic's Heidelberg campus, to leverage the capabilities of their Advanced Manufacturing Centre of Excellence as well as their learnings through their Clean Economy Skills Lab for Residential Building and Construction and their Skills Lab for Circular Design. Melbourne Polytechnic also delivers higher education courses, with Commonwealth Support Places, in Engineering. These synergies will provide significant value-add for the development of all materials and methodologies developed through the Centre and lead to a more substantial boost across Australia through the National TAFE Network.

The Centre will co-locate national industry bodies and university partners on site, while also engaging with other universities across Australia to lead applied research and drive best practice nationally.

The Centre will provide critical skills development and spearhead collaboration between educators, industry and government to catalyse innovation and develop the workforce to deliver high-quality, affordable and environmentally sustainable infrastructure. As a network leader, the Centre will facilitate MMC and Industry 4.0 skills development faster and more efficiently than ever before.

The Centre will focus predominantly on the construction and engineering trades (both apprentices and non-apprentices) and will work to uplift delivery across the National TAFE Network for new entrants into the industry, reskilling existing workers to bridge into the MMC industry, as well as developing micro-credentials to upskill existing workers. While the Centre will deliver to all it will develop key activities and programs towards attracting women to the industry, this is further discussed in alignment to national priorities below. Key aspects of the training that will be investigated for development and delivery in the Centre will include:

• MMC skills delivery:

- **Off-site manufacturing:** Components are produced in a controlled factory environment and then transported to site.
- **Prefabricated construction:** Individual building components, such as walls or roofs, are manufactured and then transported to the site for assembly.
- **'Kit of parts' approach:** A collection of standardised, pre-manufactured components that are designed to be assembled into a complete structure or system on-site.
- **Modular or volumetric construction:** Large sections or modules of buildings, such as bathrooms or kitchens, are prefabricated and then transported to the site for assembly.
- Platform Approach to Design for Manufacture and Assembly (P-DfMA): Modular and standardised components, utilising a common platform, are manufactured and assembled on site. These components can be assembled in a multitude of different ways to create a variety of different products.
- **3D concrete printing:** Large-scale **3D** printers are utilised to create building components.
- **Digital technology:** Technology and digital tools are used throughout the construction lifecycle from planning and design to construction and operations.
- **Sustainable practices:** Energy efficient and sustainable materials and techniques are utilised to minimise the impact on the environment and promote energy efficiency.

Industry 4.0 Skills

• Possible options of integration of Industry 4.0 skills into traditional trades are outlined below as examples of how the Centre will work to uplift traditional construction training:

Traditional Trade	Traditional Skills	Industry 4.0/Electrification Integration
Carpentry*	Woodworking, framing, finishing	CNC machines for precision cutting, CAD for digital design and planning
Electricians*	Wiring, installation, maintenance of electrical systems	Smart grids, IoT devices, energy management systems, smart home technologies
Plumbing*	Installation and repair of water supply and drainage systems	Smart plumbing systems, IoT-enabled water management devices
Masonry*	Bricklaying, stone setting, concrete work	Robotic bricklaying machines, 3D printing for masonry structures
HVAC Technicians	Installation and maintenance of HVAC systems	Smart HVAC systems with IoT sensors for real-time monitoring and optimisation
Welding*	Joining metal parts using various welding techniques	Robotic welding systems, advanced materials, programming and maintaining automated equipment
Construction Management	Project planning, resource management, site supervision	BIM for project planning and management, data analytics, drones for site monitoring
Surveying	Measuring land, preparing site plans	Drones and laser scanning for site surveys, GIS, and data analysis

The Centre will utilise modern equipment for the development of these skills and methodologies, as well as enabling applied research and industry engagement. Equipment and facilities available at the Centre may include:

- Augmented Reality (AR) and Virtual Realist (VR)
- Holographic and Mixed Reality
- Building Information Management (BIM)
- Artificial Intelligence (AI) and Machine Learning
- 3D Printing
- Crane/Gantry systems
- Robotics
- Drones.

Industry advice will initially be led through prefabAus, Australia's leading MMC industry group who will also be collocated on the site, as well as Universities, including those already identified in Victoria, New South Wales, and Queensland that will be key applied research partners. Melbourne Polytechnic, as a key member of the Victorian TAFE Network, will also draw on the experiences and expertise of the broader Victorian TAFE Network. Further industry and educational partners will be investigated throughout the operation of the Centre.

National Priorities

The Centre will serve as a model for inclusive and sustainable training practices, promoting gender diversity and environmentally responsible construction, which can be replicated across the broader vocational education and training sector. It will develop training methods and materials to uplift the technological and digital skills of traditional construction trades through Industry 4.0 techniques.

Delivering housing supply

The Future of Housing Construction Centre of Excellence will improve the delivery of housing supply across Australia in developing the capability of the National TAFE Network to train Australians in MMC and modern construction techniques.

Supporting the Net Zero transformation

Modern housing construction techniques, aligned with Industry 4.0 capabilities, are estimated to achieve a 50 – 80% reduction in waste and embodied carbon compared to traditional construction methods.

<u>Gender Equality</u>

The Centre will be the first purpose-built MMC training facility designed to facilitate gender equality through purpose-built facilities for women, promotion of off-site manufacturing processes, and the establishment of Women in Construction programs. The learnings of these programs and initiatives will be disseminated through the National TAFE Network and serve as a leading example.

Ensuring Australia's digital and technology capability

The outputs and operation of the Centre will also work to embed Industry 4.0 techniques, focussed on modern technological integration, into the skills development of traditional trades training delivery.

2) Functions and activities of the TAFE Centre of Excellence:

As a flagship initiative for the Australian vocational education sector, Melbourne Polytechnic's Future of Housing Construction Centre of Excellence will:

- innovate in the delivery of training,
- support industry through applied research and problem solving and,

• disseminate best-practice across the National TAFE Network to move towards a modernised construction sector.

The Centre will incorporate four functional areas, overseen by centre management: curriculum development, training delivery and research coordination, partnerships and engagement, and corporate services.

Innovative program development and delivery

The Centre's key outputs will include the development of industry-relevant training materials and delivery methodologies. Immediate activities that the Centre will undertake upon the establishment of this funding in this space will include:

- conduct skills assessments to address current and future MMC requirements, as well as developing the MMC-aligned curriculum, including through the investigation of, and subsequent development of, accelerated training programs, such as micro-credentials.
- Piloting short courses, with early initiatives such as training cohorts and women in construction programs to promote gender diversity.
- Launching gender inclusivity efforts, such as recruitment campaigns and the creation of gender-friendly environments
- Commencing professional development and MMC-specific training for educators, helping to build teaching capacity.

These will all be continuously developed through the operation of the Centre, and as the operation matures, further activities will involve:

- develop, and deliver, industry-relevant and innovative MMC training in a hazard-free environment, and
- exploring the development of higher-level VET qualifications.

As the Centre's operations mature, and the physical delivery environment comes online, the equipment and industry-collaboration will enable the development and delivery of profound training impacts on the development of sophisticated applied research.

Industry partnership and applied research

Melbourne Polytechnic will begin to engage with industry and university partners upon establishment of this agreement. Immediate activities will include:

- Commencing industry collaboration through workshops, applied research, and co-designed curriculum projects with SMEs, laying the foundation for future innovation.
- Establishing forums and channels for TAFEs, industry and governments to discuss construction industry issues and facilitate commitments from each group (e.g. formal partnerships, joint investments, etc) to address these challenges.
- To support a shared response to these challenges, the Centre will:
 - facilitate applied research in MMC and work with industry to develop pathways to commercialisation, and
 - support MMC industry experts to transition into teaching roles through part-time positions and mentoring programs.
- Be enabled by the Centre's state-of-the-art equipment and digital technologies (including a holographic training suite).

• Through thought leadership and stakeholder coordination on MMC, improve perception and uptake of MMC methods in the sector and strengthen policy, market and regulatory settings.

Through this industry focussed problem-solving and refinement of excellence, the Centre will embed collaboration mechanisms for industry, the National TAFE Network and higher education partners. It will facilitate applied research that will work towards improving vocational training methods.

Modern facility with leading-edge equipment

The Centre will be in a purpose-built facility, designed to facilitate gender equality through purpose-built facilities for women, and will host leading edge equipment to enable the development of innovative training techniques, professional development, and applied research outcomes.

Within all its functions the Centre will incorporate collaboration with its government, educational and industry partners, particularly through engaging with the Jobs and Skills Councils, specifically with BuildSkills Australia and the Manufacturing Industry Skills Alliance. Additionally, the Centre, through the Curriculum Development Unit, will leverage the VET Shared Learning Resource Initiative, a program dedicated to utilising the skills and capabilities across the Victorian TAFE Network in the development of teaching and assessment materials, to develop a quality-assured, industry-relevant curriculum suitable for dissemination across the National TAFE Network.

Investment from the Commonwealth in the Future of Housing Construction Centre of Excellence will see a new training centre, fitted out with modern training equipment, that will develop modern industry-relevant training materials and methodologies in MMC, professional development for educators across the National TAFE Network to build teaching capacity, and leading-edge applied research in modern construction methods and systems.

Partner	Proposed role in the Centre
prefabAUS (Co-located industry partner)	prefabAUS is the peak body for Australia's MMC industry and will be collocated on site and serve as a key industry partner, providing expertise in prefabrication and modular construction techniques.
parenery	As an organisation committed to promoting offsite construction and prefabrication in Australia, prefabAUS will offer industry insights, align project goals with market trends, and enhance collaboration with construction stakeholders.
	Along with Building 4.0 CRC, prefabAUS will coordinate efforts to introduce new technologies to construction partners, with a focus on scalability and integration.
	Note: As the Centre matures it will incorporate additional co- located industry partners across the modern construction and housing sectors.
Universities (Applied research partners)	Melbourne Polytechnic has identified three universities—one in Victoria, one in NSW and one in Queensland—that are ideally positioned to contribute as applied research partners and provide

3) Partnerships and engagement:

engineering.The universities will support the Centre by contributing to the practical aspects of its applied research efforts. Data-sharing agreements, co-publication opportunities, and recognition of learning credits will be explored.Building 4.0 Cooperative Research Centre (Example innovation partner)Building 4.0 Cooperative Research Centre (CRC), established in 2020 under the Australian Government's Cooperative Research Centre program, is dedicated to transforming the construction industry through collaboration and 4th industrial age technologies, enhancing efficiency and customer-centric innovation across the value chain.As the potential innovation partner, Building 4.0 CRC will contribute cutting-edge research and development in construction automation, digitisation, and modern construction methods. Its role involves fostering collaboration among research institutions, government, and industry to accelerate the adoption of Industry 4.0 technologies in construction.With nearly five years of industry-driven applied research, the Building 4.0 CRC will leverage the Centre as a platform to apply and integrate its expertise, positioning the CRC as the Centre's digital leader. There is an opportunity for the Centre to translate outcomes		
practical aspects of its applied research efforts. Data-sharing agreements, co-publication opportunities, and recognition of learning credits will be explored.Building 4.0 Cooperative Research Centre (Example innovation partner)Building 4.0 Cooperative Research Centre (CRC), established in 2020 under the Australian Government's Cooperative Research Centre program, is dedicated to transforming the construction industry through collaboration and 4th industrial age technologies, enhancing efficiency and customer-centric innovation across the value chain.As the potential innovation partner, Building 4.0 CRC will contribute cutting-edge research and development in construction automation, digitisation, and modern construction methods. Its role involves fostering collaboration among research institutions, government, and industry to accelerate the adoption of Industry 4.0 technologies in construction.With nearly five years of industry-driven applied research, the Building 4.0 CRC will leverage the Centre as a platform to apply and integrate its expertise, positioning the CRC as the Centre's digital leader. There is an opportunity for the Centre to translate outcomes		expertise in sustainable building practices and structural engineering.
Research Centre(Example innovation partner)2020 under the Australian Government's Cooperative Research Centre program, is dedicated to transforming the construction industry through collaboration and 4th industrial age technologies, enhancing efficiency and customer-centric innovation across the value chain.As the potential innovation partner, Building 4.0 CRC will contribute cutting-edge research and development in construction automation, digitisation, and modern construction methods. Its role involves fostering collaboration among research institutions, government, and industry to accelerate the adoption of Industry 4.0 technologies in construction.With nearly five years of industry-driven applied research, the Building 4.0 CRC will leverage the Centre as a platform to apply and integrate its expertise, positioning the CRC as the Centre's digital leader.There is an opportunity for the Centre to translate outcomes		practical aspects of its applied research efforts. Data-sharing agreements, co-publication opportunities, and recognition of
contribute cutting-edge research and development in construction automation, digitisation, and modern construction methods. Its role involves fostering collaboration among research institutions, government, and industry to accelerate the adoption of Industry 4.0 technologies in construction. With nearly five years of industry-driven applied research, the Building 4.0 CRC will leverage the Centre as a platform to apply and integrate its expertise, positioning the CRC as the Centre's digital leader. There is an opportunity for the Centre to translate outcomes	Research Centre (Example innovation	2020 under the Australian Government's Cooperative Research Centre program, is dedicated to transforming the construction industry through collaboration and 4th industrial age technologies, enhancing efficiency and customer-centric innovation across the
Building 4.0 CRC will leverage the Centre as a platform to apply and integrate its expertise, positioning the CRC as the Centre's digital leader. There is an opportunity for the Centre to translate outcomes		contribute cutting-edge research and development in construction automation, digitisation, and modern construction methods. Its role involves fostering collaboration among research institutions, government, and industry to accelerate the adoption of Industry
		Building 4.0 CRC will leverage the Centre as a platform to apply and integrate its expertise, positioning the CRC as the Centre's digital
developed through CRC into training products and delivery methods that support MMC and Industry 4.0 workforce development.		developed through CRC into training products and delivery methods that support MMC and Industry 4.0 workforce
Jobs and Skills Councils The Centre at Melbourne Polytechnic will collaborate effectively with the Jobs and Skills Councils (JSCs), particularly BuildSkills Australia and the Manufacturing Industry Skills Alliance. These JSCs are tasked with identifying workforce and skills needs, mapping career pathways, developing VET training products, and supporting training collaboration. By aligning with the JSCs, the Centre can ensure its programs meet national standards and address emerging skills gaps within the housing, construction, and manufacturing sectors.	Jobs and Skills Councils	with the Jobs and Skills Councils (JSCs), particularly BuildSkills Australia and the Manufacturing Industry Skills Alliance. These JSCs are tasked with identifying workforce and skills needs, mapping career pathways, developing VET training products, and supporting training collaboration. By aligning with the JSCs, the Centre can ensure its programs meet national standards and address emerging skills gaps within the housing, construction, and
<u>BuildSkills</u> Through collaboration with BuildSkills Australia, which focuses on the building, construction, property, and water industries, the Centre will contribute to national workforce needs, such as increasing skilled workers for housing supply and Net Zero initiatives. This partnership would allow the Centre to integrate BuildSkills' insights into curriculum development and ensure students are trained in the latest construction technologies and sustainable practices. Projects like the Housing Workforce Capacity Study would further support the Centre's mission by directly identifying workforce shortages in residential construction. <u>Manufacturing Industry Skills Alliance</u>		Through collaboration with BuildSkills Australia, which focuses on the building, construction, property, and water industries, the Centre will contribute to national workforce needs, such as increasing skilled workers for housing supply and Net Zero initiatives. This partnership would allow the Centre to integrate BuildSkills' insights into curriculum development and ensure students are trained in the latest construction technologies and sustainable practices. Projects like the Housing Workforce Capacity Study would further support the Centre's mission by directly identifying workforce shortages in residential construction.
Similarly, partnering with the Manufacturing Industry Skills Alliance would enhance training for sectors involved in prefabricated and		Similarly, partnering with the Manufacturing Industry Skills Alliance

	modular construction methods. This collaboration will bring advanced manufacturing skills into the construction training pipeline, ensuring the workforce is prepared to meet future demands for innovative construction solutions.		
Industry Advisory Group – Construction and Master Builders Association of Victoria (Example supporting industry partners)	The Construction Industry Advisory Group (IAG) and Master Builders Association of Victoria are examples of how the Centre will engage with industry. These relationships will assist in aligning project activities with national industry trends and offer strategic guidance on the implementation of industry standards and best practice. It will also play a crucial role in facilitating connections with construction companies and key trades contractors.		
	The Centre will work with other jurisdictions through the National TAFE Network to develop these links both locally and across Australia.		
The National TAFE Network and	The Centre will act as a network leader to uplift capability across the vocational education sector nationally.		
complementary TAFE Centres of Excellence and Skills Labs	Partnerships with complementary Centres of Excellence across Australia, other Victorian Skills Labs and TAFE leaders will strengthen industry ties, further enrich students' learning experiences through collaborative applied research and problem- solving programs, and bring together employers, unions, universities and other education and training providers to develop and implement real world and practical solutions.		
	Additionally, engagement will drive more innovative tertiary education and disseminate best practice across the National TAFE Network.		
	The Centre will engage with the National TAFE Network through:		
	 the sharing of training materials and methodologies developed through the Centre, professional development of relevant educators in modern training systems and delivery. 		

The TAFE Centre of Excellence will work with the National TAFE Network once established to drive excellence in teaching and learning and best practice in clean energy skills development by TAFEs. This will be a critical collaboration for the TAFE Centre of Excellence and Victoria commits to the TAFE Centre of Excellence operating in such a way that it:

- plays a national leadership role with employers, unions, universities, Jobs and Skills Councils, and other relevant stakeholders to identify, develop and deliver education and training solutions that meet industry needs across Australia, and
- partners with TAFEs and other public providers across Australia to assist them with nonfinancial support to build their capability and capacity to deliver clean energy related training."

Victoria recognises the mutual benefits of collaboration between the VET and higher education sectors and commits the TAFE Centre of Excellence to developing partnerships to support and deliver on its objectives, including with universities, Jobs and Skills Councils (JSCs), employers and unions. These partnerships could take different forms, and are likely to evolve over time, but could include:

• university representation in the TAFE Centre of Excellence's governance structures

- exchanging expertise and experience in the design and delivery of education and training relevant to the TAFE Centre of Excellence's governance, including higher-level VET qualifications
- establishing credit recognition arrangements and entry pathways between VET and higher education for education and training relevant to the TAFE Centre of Excellence, and/or
- facilitating joint opportunities for applied research relevant to the TAFE Centre of Excellence.

Victoria acknowledges that there is the potential for duplication of effort between the TAFE Centre of Excellence and relevant JSCs. Victoria is committed to working with the Commonwealth to maximise the collective benefit for the skills and training system through TAFE Centres of Excellence, and commits to early and regular engagement with relevant JSCs on all the TAFE Centre of Excellence's activities for the purposes of:

- minimising the potential for duplication of effort
- sharing learnings on best practice and support knowledge translation, and
- partnering on projects of mutual interest where appropriate.

The TAFE Centre of Excellence will support and partner with other TAFEs across Australia (including dual-sector universities), including through the National TAFE Network (once established), to build capability, share curriculum and best-practice, and improve teaching and learning outcomes.

Commonwealth Investment (\$)	State Investment (\$)	Planned Start Date	Planned End Date
\$24,994,000	\$24,994,000	1 January 2025	31 December 2028

TAFE Centre of Excellence – approach to matched funding arrangements (clause A114 refers) – to be reconciled over the life of the NSA.

Details of matched					
funding	2024-25	2025-26	2026-27	2027-28	Total
Commonwealth Contribution	\$6,700,000	\$10,000,000	\$8,294,000	-	\$24,994,000
State contribution	-	\$541,000	\$6,456,000	\$17,997,000	\$24,994,000

The Victorian Government will provide details of their funding contributions at the end of each financial year, commencing 1 July 2024 until 31 December 2028, relative to the indicated funding table above. Final payments under this implementation plan may be reduced where the total contribution by the Victorian Government over the life of the project does not align with the Commonwealth contribution, with the parties to agree a corresponding reduction of scope in line with the revised costing.

Performance Indicators

The department has a robust monitoring and evaluation regime in place that considers the effectiveness of training delivery as a whole. This includes:

- tracking the number of Government funded commencements and continuing students
- examining the extent to which priority cohorts are accessing training
- examining the extent to which training being delivered in the mainstream market aligns with Government priority areas
- surveying students to ensure that training is meeting their needs and expectations, and that they are achieving their desired outcomes from training

- analysing the extent to which training leads to improved employment outcomes
- surveying employers to understand their skills needs and satisfaction with training received by apprentices or trainees that they employ.

Materials developed through the Centre will be tested through the Shared Learning Resource Initiative, a Victorian TAFE Network-wide program on the development and distribution of training and assessment materials, to ensure quality benchmarks are met prior to being shared with TAFEs and other public providers nationally.

Evaluation arrangements

The department will undertake evaluations of the Centres of Excellence initiatives, using qualitative and quantitative data to measure the effectiveness and impact with regard to the measures described above. A more comprehensive plan for the evaluations will form part of the milestones of the Centre.

MILESTONES AND PAYMENTS – TAFE CENTRES OF EXCELLENCE

Milestone	Evidence	Payment Value Up To (Commonwealth funded)	Commonwealth reporting period
Milestone 1: Initial payment on agreement of bilateral implementation plan (December 2024)	Bilateral implementation plan agreed with Commonwealth	\$2,500,000	N/A
 Milestone 2: Commonwealth acceptance that Victoria has established the Future of Housing Construction Centre of Excellence, to be demonstrated by: development of an activity plan for the Future of Housing Construction Centre of Excellence that specifies the deliverables to be achieved and associated timeframes the Future of Housing Construction Centre of Excellence evaluation plan, and stakeholder engagement and strategy development activities, including: establishing and formalising partnerships with key industry players including prefabAUS and, potentially, the Building 4.0 CRC, and educational institutions (TAFEs and universities) to embed collaboration into curriculum development and applied research developing and executing a robust engagement strategy with government bodies (such as the Australian Government Department of Industry, Science and Resources and the Office of TAFE Coordination and Delivery), industry stakeholders, and training providers to align the Centre's vision and direction, and hosting and coordinating industry events, training workshops, and showcases for the Centre to increase industry awareness, foster broader support for MMC adoption, and establish the Centre as a premier training hub for modern construction methods, ultimately enhancing student enrolment and participation in MMC pathways. 	 Report signed by relevant Victorian senior official that provides an update on progress of and/or attaches: the Future of Housing Construction Centre of Excellence activity plan an outline of progress against the deliverables specified in the activity plan to 31 March 2025 the Future of Housing Construction Centre of Excellence evaluation plan, and an outline of the Future of Housing Construction Centre of Excellence evaluation plan, and an outline of the Future of Housing Construction Centre of Excellence engagement and strategy development activities, including MOUs signed by partners, governance curriculum development schedules, lists of courses for focus, engagement strategy, workshop and event reports. 	\$4,200,000	31 March 2025

 Milestone 3: Commonwealth acceptance of the Future of Housing Construction Centre of Excellence's continued operation to 30 September 2025, to be demonstrated by: detailed outline of MMC curriculum program developed in collaboration with industry experts and educational partners to design, review, and validate MMC curriculum, encompassing accredited qualifications and short courses proposed applied research projects involving real-world MMC applications and innovation in construction practices MMC training delivery that may include hands-on use of specialised equipment (e.g., holographic training suite) and immersive VR experiences for industry professionals and students, and preliminary design works on the physical environment of the Centre. 	 Report signed by relevant Victorian senior official that provides an update on progress of and/or attaches: an outline of progress against the deliverables specified in the activity plan to 30 September 2025 Curriculum design reports, MMC qualification accreditation progress, training course delivery outcomes, student enrolment and satisfaction outcomes, review reports, preliminary design reports. 	\$8,300,000	30 September 2025
 Milestone 4: Commonwealth acceptance of the Future of Housing Construction Centre of Excellence's continued operation to 31 March 2026, to be demonstrated by: recruitment and onboarding of skilled staff, including project management, curriculum development, and training delivery experts, and a director to oversee daily operations detailed outline of facilities, procurement, finance, HR, IT, and marketing support provided through existing MP corporate services teams, and implementation of Future of Housing Construction Centre of Excellence facility use policies, including equipment maintenance guidelines, industry collaboration, and staffing requirements. 	 Report signed by relevant Victorian senior official that provides an update on progress of and/or attaches: an outline of progress against the deliverables specified in the activity plan to 31 March 2026, and staff onboarded, marketing and communications for Centre programs and initiatives. 	\$1,700,000	31 March 2026
 Milestone 5: Commonwealth acceptance of the Future of Housing Construction Centre of Excellence's continued operation to 31 March 2026, to be demonstrated by: initiation of demolition of existing structures and clear the site as per project timeline requirements 	 Report signed by relevant Victorian senior official that provides an update on progress of and/or attaches: an outline of progress against the deliverables specified in the activity plan to 30 September 2026 	\$8,294,000	30 September 2026

 finalised architectural designs and obtaining necessary planning permits, and completing contracting with construction partners and initiate foundational work based on the approved designs. 	 demonstration of the commencement of site demolition, and demonstration of the commencement of pre- construction activities, construction-ready blueprints, including detailed designs and permits. 		
 Milestone 6: Commonwealth acceptance that Victoria has continued to operate the Future of Housing Construction Centre of Excellence in 2026-27, to be demonstrated by: achievement of specified deliverables up to 30 June 2027 in the activity plan submitted to the Commonwealth as part of the reporting on the Future of Housing Construction Centre of Excellence – milestone 4 updated activity plan (to the extent required) for the Future of Housing Construction Centre of Excellence that specifies deliverables to be achieved over the NSA, and partnership development with key stakeholder groups (including other TAFEs, employers, unions, universities and Jobs and Skills Councils). 	 Report signed by relevant Victorian senior official that provides an update on progress of and/or attaches: an outline of progress against the deliverables specified in the activity plan to 30 June 2027 updated Future of Housing Construction Centre of Excellence activity plan to 30 June 2028, and partnership development activities (including other TAFEs, employers, unions, universities, and Jobs and Skills Councils). 	\$0	30 September 2027
 Milestone 7: Commonwealth acceptance that Victoria has continued to operate the Future of Housing Construction Centre of Excellence in 2027-28, to be demonstrated by: achievement of specified deliverables up to 30 June 2028 in the activity plan submitted to the Commonwealth as part of the reporting on the Future of Housing Construction Centre of Excellence – milestone 6 updated activity plan (to the extent required) for the Future of Housing Construction Centre of Excellence that specifies deliverables to be achieved over the NSA, and 	 Report signed by relevant Victorian senior official that provides an update on progress of and/or attaches: an outline of progress against the deliverables specified in the activity plan to 30 June 2028 updated Future of Housing Construction Centre of Excellence activity plan to 31 December 2028, and partnership development activities (including other TAFEs, 	\$0	31 December 2028

• partnership development with key stakeholder groups (including other TAFEs, employers, unions, universities and Jobs and Skills Councils).	employers, unions, universities, and Jobs and Skills Councils).		
	Total	\$24,994,000	

The Parties have confirmed their commitment to this implementation plan as follows:

Signed for and on behalf of the Commonwealth of Australia by

The Honourable Andrew Giles MP Minister for Skills and Training

16/14 2024

Signed for and on behalf of the State of Victoria by

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The Honourable Gayle Tierney MP Minister for Skills and TAFE

12 / 12 / 2024