# Enhanced Environmental Water Delivery (EEWD) Stage 2 FEDERATION FUNDING AGREEMENT - ENVIRONMENT

alities and operation of Schedule
Commonwealth New South Wales Victoria South Australia
<ol> <li>This Schedule will commence on the date the last party executes it.</li> <li>It will expire on 30 May 2027, or on completion of the agreed activities in the milestone tables including final performance reporting and processing of final payments against milestones.</li> <li>Activities which the Murray-Darling Basin Authority (MDBA) determines are required for the EEWD Project to be considered operational according to the Sustainable Diversion Limit (SDL) Adjustment Mechanism process under the Murray-Darling Basin Plan (Basin Plan) are to be completed by 31 December 2026.</li> </ol>
<ol> <li>This Schedule has been developed in accordance with Clauses 13 and 14 of the FFA – Environment [the Agreement].</li> <li>This Schedule will fund the delivery of Stage 2 of the Enhanced Environmental Water Delivery (EEWD) Project. The EEWD Project has been approved as part of the SDLAM suite of projects, which are aimed at enabling the long-term average SDLs under the Basin Plan to be increased by a combined total of 605 gigalitres (GL) / year.</li> <li>The EEWD project seeks to modernise planning, forecasting, accounting, inter-valley coordination, and delivery processes for environmental water across the Southern Connected Basin.</li> <li>The EEWD Project has been put forward jointly by New South Wales, Victoria, and South Australia (the States) as part of the package of SDL adjustment projects agreed by the Murray-Darling Basin Ministerial Council in June 2017.</li> <li>Given the technical nature and expertise required for this project, the States have agreed to engage the MDBA's Environmental Management Team to deliver specified project activities set out in this Schedule on the States' behalf.</li> <li>The States are jointly responsible for all outputs under this Schedule.</li> </ol>

	Understanding (MoU) with the MDBA to support that work (respectively, the Commonwealth-MDBA MoU and the States-MDBA MoU).						
	10. The States will provide the Commonwealth with a copy of the signed States-MDBA MoU, and any variations as soon as practicable after execution by all parties.						
11. This Schedule builds on the activities funded under Schedu the Project Agreement for Stage 1 Funding for Sustainable D Limits adjustments and constraints measures in the Murray- Basin.							
Estimated financial contributions	12. The Commonwealth will provide contribution to the Parties of \$40 Schedule as shown in Table 1. Al	o.077 million in i	respect of th	nis			
	Table 1						
	(\$ million)	2025-26	2026-27	Total 40.077			
	Estimated total budget	10.944	29.133	40.077			
	Less estimated National Partnership Payments	4.016	11.059	15.075			
	- New South Wales	1.679	4.553	6.233			
	- Victoria	1.513	4.062	5.575			
	- South Australia	.823	2.444	3.267			
	<ul> <li>Anticipated total         Commonwealth project         payments direct to MDBA         on behalf of the States     </li> </ul>	6.928	18.073	25.002			
	Balance of non- Commonwealth contributions	0.0	0.0	0.0			
	13. Table 1 outlines the estimated National Partnership Payments to the States and the anticipated total project payments to the MDBA. The latter will be made by the Commonwealth on behalf of the States under the Memoranda of Understanding (paragraphs 9 and 16).						
Milestone achievement	14. In accordance with clause 22 of the Agreement, the milestones for the Schedule, the outputs produced under the milestones, relevant reporting dates and the maximum expected payments to be made to the States and the MDBA are set out in Table 2 to Table 5, and details of the technical project component outputs are set out in Table 6.						
	15. The Commonwealth will make payments to the States subject to acceptance and satisfaction by the Commonwealth that milestones have been 'met.' States will receive payment upon fulfillment of the milestone outputs in Table 2 – Table 6.						

	16. For milestone payments to be paid to the MDBA in Tables 2 to 5, the Commonwealth will make payments to the MDBA on behalf of the States, following the receipt of a written request from the States. This will discharge the States' associated payment to the MDBA with respect to that milestone.
	17. The Commonwealth will take into account where one Basin State has completed all actions required to fulfill an outcome (or output), but another Basin State or Commonwealth entity has not fulfilled their actions required to complete the outcome or output as set out in Table 4 and Table 5.
	18. Should the actual expenditure incurred to deliver the activities in Table 2 to Table 5 be less than the Commonwealth's total financial contribution, the Parties agree that the final payment in the tables will be reduced to meet the total actual expenditure incurred on the activities.
	19. Table 2 to Table 5 represent separate project work streams. The non-completion of a milestone by its reporting date in a particular project work stream will not prevent payment being made for a completed milestone in a different project work stream. Table 6 sets out expected progress of technical component outputs by milestone.
Reporting	20. In addition to the reporting specified in the Agreement, the report to be provided by the States for each milestone must also include updates on resolving the issues identified in the assessment of the Enhanced Environmental Water Delivery business case for the SDLAM, and reflected in the post-Phase 2 assessment issues register that is provided with each report.
	21. The States will provide an income and expenditure report for the Project for each milestone reporting period and at the completion of the project.
Governance	22. The parties will invite the Commonwealth to participate as an observer in the governance arrangements.
IP and data sharing	23. Terms for Intellectual Property and data sharing are in Appendix 1 of this Schedule.
Project Staff	24. The full-time equivalent staff funded under this Schedule for the States and the MDBA for the activities in this Schedule are shown in Appendix 2.

Table 2: EEWD Stage 2 project management and project components 1 to 3: milestone outputs, reporting periods and payments

Mileston e	Output	Reporting period	Repor t due	Payment	
1	Documented project management, communication, engagement and governance for Stage 2 approved by the EEWD Steering Committee:  Completed activity descriptions of the four Stage 2 technical project components, and progress against the activity descriptions  Stage 2 'way of working', including project partners roles and responsibilities, project governance structure, accountability and Terms of Reference for the Working Group and Technical Working Groups.  identification of new or emerging risks to delivery of the project and the management approach of those risks.  Updated communication and engagement plan. Including key messages and approach to developing communication material.  Project recruitment and procurement planning completed for Stage 2.  Project monitoring and evaluation plan from Stage 1 updated, including Key Evaluation Questions for Stage 2.  Milestone period expenditure report.  Drafted synthesis report for Stage 1B outcomes.	1 Apr 2025 – 30 June 2025	30 Sept 2025	NSW \$547,662 Vic \$1,161,474 SA \$823,251 MDBA \$6,928,156	
2	Documented evidence of:  Effective and efficient project management, risks management, communication, engagement and project governance.  First Nations engagement summary to guide EEWD project direction and next steps.  Progress of the project technical components as per Table 6.  Milestone period expenditure report.	1 July 2025 — 30 June 2026	30 Sept 2026	NSW \$2,401,057 Vic \$2,911,978 SA \$2,028,606 MDBA \$14,995,877	
3	Documented evidence of:  Effective and efficient project management, risks management, communication, engagement and project governance  First Nations activities completed.  Progress of the project technical components as per Table 6.  Milestone period expenditure report.	1 July 2026 31 Dec 2026	31 Jan 2027	NSW \$150,638 Vic \$452,945 SA \$291,186 MDBA \$2,228,403	
4	Documented evidence of:  Evaluation of how the project has delivered against the Stage 2 Implementation Plan, activity descriptions and notified outcomes, including performance against key performance indicators in the Stage 2 Monitoring and Evaluation Plan.	1 Jan 2027 – 31 March 2027	30 April 2027	NSW \$243,881 Vic \$109,086 SA \$63,919 MDBA \$489,162	

<ul> <li>Stage 2 Synthesis report real life example of how the EEWD tools are being use in the 2027-28 water year</li> </ul>	
<ul> <li>Summary of stakeholder engagement during the project.</li> </ul>	
Whole of project expenditure report.	

Table 3 - Confidence to deliver overbank flows (component 4): Performance requirements, reporting and payment summary

Milestone	Output	Reporting period	Report due	Payment
1	Documentary evidence of the drafted:  Set of common outcomes for proposed legislative changes.  Identified options for proposed changes to operational water management legislation for the River Murray system.	1 April 2025 – 30 June 2026	30 Sept 2026	NSW \$40,000 VIC \$40,000 SA \$40,000 MDBA \$340,000
2	Documentary evidence of the agreed:     Common outcomes for proposed legislative changes.     Draft set of proposed changes to operational water management legislation for the River Murray system.	1 July 2026 – 31 Dec 2026	31 Jan 2027	NSW \$20,000 VIC \$20,000 SA \$20,000 MDBA \$20,000

Table 4: New South Wales – Murrumbidgee operational model: Performance requirements, reporting and payment summary

Milestone	Output	Reporting	Report due	Payment
1	Operational model for the Murrumbidgee (40% payment).  Documented evidence of the following:  7-day forecasting capability for storage operations (20%)  30-day forecasting capability for river operations (10%)  12-month forecasting capability for operational planning (30%)  Modelling system and tools (20%)	1 April 2025 – 30 June 2025	30 Sept 2025	NSW \$1,131,713
2	Operational model for the Murrumbidgee (50% payment) Documented evidence of the following:  7-day forecasting capability for storage operations (80%)  30-day forecasting capability for river operations (60%)  12-month forecasting capability for operational planning (60%)  Modelling system and tools (60%)	1 July 2025 – 30 June 2026	30 Sept 2026	NSW \$1,414,642
3	Operational model for the Murrumbidgee (10% payment) Documented evidence of the following:	1 July 2026 – 31 Dec 2026	31 Jan 2027	NSW \$282,928

-	• 7	day forecasting capability for storage operations (100%)			
	• 3	day forecasting capability for river operations (100%)			1
	• 1	-month forecasting capability for operational planning (100%)			1
1	• N	odelling system and tools (100%)		1	1
	o F	nal report			1

Table 5: Victoria – Goulburn operational model: Performance requirements, reporting and payment summary

Milestone	Output	Reporting period	Report	Payment
1	Draft proposal with specifications for Goulburn operational model build/update     Draft proposal with specifications for decision support tool update	1 Jan 2025 – 30 June 2025	30 Sept 2025	VIC \$352,000
2	Operational model updated to determined specifications     GB CMA DST updated to determined specifications	1 July 2025 – 30 June 2026	30 Sept 2026	VIC \$484,000
3	Report on implementation of HydroNET	1 July 2026 – 31 December 2026	31 Jan 2027	VIC \$44,000

Table 6: Technical project component output progress at each project milestones

Project componer	nts	Milestone 1 – June 2025	Milestone 2 – June 2026	Milestone 3 – Dec 2026	Milestone 4 – 31 March 2027
Advanced     environmental     water planning	water delivery strategies	strategy logic to be used for annual planning and coordination of environmental water in the Southern Connected Basin.  PROGRESSED	strategy modelling and engagement with project partners.  Draft delivery strategy logic output to be used in annual planning and coordination of environmental water in the Southern Basin.  PROGRESSED	environmental water delivery strategies have been modelled, tested (virtually) and refined for real world use through a detailed delivery logic output.  BUILT & TESTED	strategies. BUILT & TESTED & COMMISSIONED
	watering trials	trials. PROGRESSED	Documented evidence of the delivery of the virtual watering trials and recommendations for project output improvements. PROGRESSED	Reporting on the outcomes of the virtual watering trials and how project outputs have been improved for end-user adoption. IMPLEMENTED & COMPLETED	N/A
	environmental water planning and coordination	1B improvements to the draft trade- off framework for the Southern Connected Basin.  PROGRESSED  Documented evidence of the post Stage 1B improvements to the Southern Connected Basin Delivery Plan and outcomes of testing during	developed draft trade-off framework for the Southern Connected Basin and end user testing under range of trade-off situations.  DEVELOPED  Documented evidence of the developed draft Southern Connected	output for the trade-off framework for the Southern Connected Basin. DEVELOPED & AGREED Reporting demonstrating the final output for the Southern Connected Basin Delivery Plan. DEVELOPED & AGREED	Reporting with user guides and associated material and artefacts for end user adoption of the trade of framework output.  DEVELOPED & AGREED & COMMISSIONED  Reporting with user guides and associated material and artefacts for end user adoption of the Southern Connected Delivery Plan output.

		PROGRESSED  Plan for the change management approach to support EEWD project outputs to be adopted into coordinated environmental water management.  PROGRESSED	DEVELOPED  Documented evidence of the implementation of the change management approach for EEWD project output adoption into coordinated environmental water management.  DEVELOPED	Reporting demonstrating how EEWD project outputs will be embedded into annual and multi-year planning / delivery processes.  DEVELOPED w/ TRIALLING COMMENCED	DEVELOPED & AGREED & COMMISSIONED Reporting that describes how EEWD outputs will embed into annual and multi-year planning and delivery processes for coordinated environmental water management. DEVELOPED & COMMISSIONED
time decision making	watering decision support tools	of work to deliver the Scenario Testing Tool and dashboard (work package & stakeholder engagement approach).	Scenario Testing Tool and dashboard being built with a sufficient level of detail to describe technical specifications and to user acceptance testing.	and dashboard, formal user acceptance testing and final product manual.	Reporting with user guides and associated material and artefacts for the hand-over of the environmental water decision support tools to end users.  BUILT & TESTED & COMMISSIONED
		environmental water requirement tool will be used and integrated with	BUILT	be included in the Scenario Testing Tool output.	Evidence of developing user guides to be included in the Scenario Testing Tool output. BUILT & TESTED & COMMISSIONED
		the water order workflow platform and decision register, including:	A CONTRACT OF THE PROPERTY OF	workflow platform and decision register, including: 1. Final – water order workflow and decision register tool with	Reporting with user guides and associated material and artefacts for the hand-over of the water order workflow platform and decision register to end users.  1. Final – water order workflow and decision register tool with built 'Phase I & II' functionality, tested

	capability	be delivered to improve streamflow forecast capability to support EEWD decisions by the Bureau of Meteorology. PROGRESSED	BUILT	capability delivered by the Bureau of Meteorology. BUILT & INTEGRATED	
	models	proposal for the package of work to be delivered for the MDBA operational model project. PROGRESSED Operational models for the Murrumbidgee & Goulburn		Report to document the work completed for the MDBA operational model project.  IMPROVED & TESTED & COMMISSIONED  Operational models for the Murrumbidgee & Goulburn  See Tables 4 & 5  BUILT & TESTED	N/A
	ownership and data sharing	approach to addressing ownership and data sharing requirements for adoption of EEWD outputs. PROGRESSED		ownership and data sharing arrangements to support the EEWD project outputs. AGREED	Reporting describing the enduring / agreed ownership and data sharing arrangements for each of the EEWO project outputs, with formal arrangements in place as needed.  AGREED & IMPLEMENTED
3. improved accounting	Environmental water accounting improvements			implementation and agreement of the environmental water accounting	Reporting of final accounting improvements with evidence of commissioning and hand over to business owners for implementation.

The Parties have confirmed their commitment to this schedule as follows:

**Signed** for and on behalf of the Commonwealth of Australia by

The Honourable Tanya Plibersek MP Minister for the Environment and Water

[Day] [Month] [Year] 20 2

**Signed** for and on behalf of the State of New South Wales by

**Signed** for and on behalf of the State of Victoria by

The Honourable Rose Jackson, MLC

Minister for Water

[Day] [Month] [Year]

The Honourable Gayle Tierney MLC Minister for Water

[Day] [Month] [Year]

**Signed** for and on behalf of the State of South Australia by

The Honourable Dr Susan Close MP Minister for Climate, Environment and Water

[Day] [Month] [Year]

19/3/25

The Parties have confirmed their commitment to this schedule as follows:

Signed for and on behalf of the Commonwealth

of Australia by

The Honourable Tanya Plibersek MP Minister for the Environment and Water

[Day] [Month] [Year]

**Signed** for and on behalf of the State of New South Wales by

Signed for and on behalf of the State of Victoria by

The Honourable Rose Jackson, MLC Minister for Water

[Day] [Month] [Year]

28.2.23

The Honourable Gayle Tierney MLC

Minister for Water

[Day] [Month] [Year]

The Parties have confirmed their commitment to this schedule as follows:

Signed for and on behalf of the Commonwealth of Australia by

The Honourable Tanya Plibersek MP

[Day] [Month] [Year]

**Signed** for and on behalf of the State of New South Wales by

**Signed** for and on behalf of the State of Victoria by

The Honourable Rose Jackson, MLC Minister for Water

[Day] [Month] [Year]

The Honourable Gayle Tierney MLC Minister for Water

[Day] [Month] [Year]

09/05/2025

#### **APPENDIX 1**

# **Intellectual Property and Data Sharing Arrangements**

- 1. For the purposes of this Schedule:
  - i. 'Agreement Material' means any material, works or Data (including Intellectual Property Rights) created by or on behalf of the MDBA in accordance with the States-MDBA MOU.
  - ii. 'Background Material' means material, works or Data (including Intellectual Property Rights) that a State or the Commonwealth makes available under the States-MDBA MOU and includes improvements to any Background Material comprising planning models irrespective of whether such improvements were made independently of the EEWD Project or not. The Commonwealth and each State retains ownership of its Background Material provided under the States-MDBA MOU.
  - iii. 'Intellectual Property Rights' means all intellectual property rights which may subsist in Australia or elsewhere, whether or not they are registered or capable of being registered.
  - iv. 'Data' means all data, information, text, drawings, statistics, analysis and other materials embodied in any form which is:
    - a. supplied by or on behalf of a party in connection with this Schedule ('Input Data'); or
    - b. generated, placed, stored, processed, retrieved, printed, accessed or produced utilising the Input Data or the Agreement Materials.
- 2. The Intellectual Property Rights in the Agreement Material will vest with the States.
- 3. The States grant to the Commonwealth a permanent, non-exclusive, irrevocable, royalty- free licence (including the right to sublicence) to use, reproduce, modify and communicate the Agreement Material for the purpose of Stage 2 of the EEWD Project. Any sublicence granted must be on the same terms and conditions of this licence.
- 4. Clause 2 does not affect the Intellectual Property Rights in any existing Background Material.
- 5. Each State grants the Commonwealth a permanent, non-exclusive, irrevocable, royalty-free licence (including the right to sublicence) to use, reproduce, modify and communicate its Background Material, for the purpose of Stage 2 of the EEWD Project and for no other purpose, without the relevant State's prior

- written approval. Any sublicence granted must be on the same terms and conditions of this licence.
- 6. The Commonwealth grants to each of the States a permanent, non-exclusive, irrevocable, royalty-free licence (including the right to sublicense) to use, reproduce, modify and communicate its Background Material for the purpose of Stage 2 of the EEWD Project, and for no other purposes without the Commonwealth's prior written approval. Any sublicence granted must be on the same terms and conditions of this licence.
- 7. Each party will provide or procure in another party's favour appropriate written consents and assignments (including by entering agreements with third parties), which:
  - a) but for the consent would be an infringement of a person's moral rights; and
  - b) are reasonably necessary for the other party to obtain the full benefit of its rights as set out in clauses 3 (Agreement Material), 5 and 6 (Background Material).
- 8. The States agree that during Stage 2 they will determine appropriate arrangements for the ownership, licencing, sharing and use of Intellectual Property Rights in Agreement Material that may be necessary for the ongoing operation, maintenance and use of the outcomes and products of the EEWD Project beyond Stage 2. In determining appropriate arrangements for the ownership, licencing, sharing and use of Intellectual Property rights in Agreement Material, including data sharing arrangements, the States will consider:
  - a. linkages between Background Material and Agreement Material for the purposes of supporting enduring project outcomes.
  - b. the assessment of potential use risks.
  - c. the assessment of the functionality and capability of the Agreement Material following design and any further development of the same including resourcing and costs.
- 9. The parties acknowledge that:
  - a. the States will each continue to develop, modify and enhance their respective Background Material independently of the EEWD Project.
  - b. continued cooperation, and advice and input from the State that provided the Background Material serves to maintain, realise and enhance its value, including its use by third parties and for purposes other than Stage 2; and

- c. this includes quality-assurance, consistency, currency, interpretation, appropriate application, and helping to ensure objectives are informed by the best available information.
- 10. A party may request approval under clause 5 or 6 in writing from the party that owns the Background Material. The party that owns the Background Material will consider the request in good faith, including appropriate terms for making the Background Material available.
- 11. The parties may also enter into separate arrangements for appropriate terms for accessing, using and handling Background Material, and other Intellectual Property Rights and material, which they will negotiate in good faith.
- 12. Each party commits to engaging in good faith regarding another party's proposal to use the Agreement Materials for a purpose other than Stage 2of the EEWD Project, provided that the proposal is made when the capabilities and requirements of the tools and systems envisaged by the EEWD Project are sufficiently developed.

# **APPENDIX 2**

# STAFF FOR EEWD STAGE 2 ACTIVITIES

Indicative Full Time Equivalent Staff for the States and the MDBA funded under this Schedule

Agency	Project managemen t & coordination	Comms & engagemen t	Advanced environmental water planning		Improved real time decision making			Improved accountin	Enabling overban	STAFFING TOTAL	
			Delivery Strategie s	Modelling	Improved existing ewater planning & coordinatio	Decision support tools	Operationa I models	Streamflow forecasting	g	k flows	
Commonwealth (MDBA, CEWO, BOM)	4.5	2.5	3.5	4	1	3.75	1	4	2.25	2	28.5
New South Wales	1.25	0.5	0.75	1.5	0.2	0.75	3.5	0	0.25	0.25	8.95
Victoria	1	0.5	1.25	1	0.2	1.05	1.8	0	0.65	0.25	7.7
South Australia	1	0.5	1	0.75	0.2	1	0	0	0.5	0.5	5.45
TOTAL	7.75	4	6.5	7.25	1.6	6.55	6.3	4	3.65	3	50.6