**DEPARTMENT OF PLANNING, INDUSTRY AND ENVIRONMENT
Floodplain Management Program
Implementation project prioritisation information form 2021-22**

 **Closing date: 5.00pm 18 March 2021**

This form must be submitted as an attachment to the application for financial assistance made through the [Grants Management System](http://gms.environment.nsw.gov.au/) for all Stage 3 and 4 projects. It replaces the new works ranking form. For help completing this form, consult the [Guidelines for Applicants 2021-22 – Floodplain Management Program](https://www.environment.nsw.gov.au/topics/water/floodplains/floodplain-management-grants/current-grants).

This form is to be completed electronically. To complete the form, click in the shaded boxes and enter the required information. A cross in a box is equivalent to a tick.

Answer all questions on implementation project assessment sheets 1 and 2. Complete implementation project assessment sheets 3, 4, 5, 6 or 7 depending on the type of project stage you have nominated in your application for funding.

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| **Implementation project assessment sheet 1: All applications** |

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| Project name |       |
| Implementation stage e.g. investigation and design, construction or combined |       |
| Council |       |
| Contact person |       |
| Email  |       |

Please answer all questions based on the planning flood (typically 1% AEP flood (1 in 100-year average) recurrence interval (ARI) flood or the flood of record) for the urban area benefitting from the project unless stated otherwise.

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| **C1. Source of flood information**. Please place **‘x’ in one box only** for information source. |
| 1. Recorded flood history
 | [ ]  |
| 1. Flood study
 | [ ]  |
| 1. Anecdotal evidence
 | [ ]  |
| **C2. Flood behaviour and impacts in area**.Please place **‘x’ in each relevant box.** |
| 1. Urban area is in a floodway
 | [ ]  |
| 1. Urban area is high hazard (Manual) or H5-H6 (Australian Disaster Resilience Guidelines 7.3)
 | [ ]  |
| 1. Little warning time (less than 24 hours)
 | [ ]  |
| 1. Rapid water level rise (more than 0.1 metres per hour)
 | [ ]  |
| 1. Typical depth above floor levels of houses >1 metre
 | [ ]  |

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| **C3. Scale of problem – number of dwellings affected.** Please **place ‘x’ in one box** only for highest number of dwellings affected by flooding above floor level. |
| 1. <50 dwellings affected
 | [ ]  |
| 1. 51–100 dwellings affected
 | [ ]  |
| 1. 101–500 dwellings affected
 | [ ]  |
| 1. 501–1000 dwellings affected
 | [ ]  |
| 1. Over 1000 dwellings affected
 | [ ]  |
| **C4. Scale of problem – percentage of dwellings flooded**.Please place **‘x’ in one box** only for the percentage of total dwellings in the area affected by over-floor flooding. |
| 1. 80–100% of dwellings affected
 | [ ]  |
| 1. 60–79% of dwellings affected
 | [ ]  |
| 1. 40– 59% of dwellings affected
 | [ ]  |
| 1. 20–39% of dwellings affected
 | [ ]  |
| 1. <20% of dwellings affected
 | [ ]  |
| **C5. Scale of problem – occurrence of over-floor flooding**. Please place **‘x’ in one box only** for the number of times over-floor flooding has been experienced by a significant number of dwellings, where a significant number is 25% or more of the answer to Question C3. |
| 1. <3 times
 | [ ]  |
| 1. 3–5 times
 | [ ]  |
| 1. 6–10 times
 | [ ]  |
| 1. 11–20 times
 | [ ]  |
| 1. >20 times
 | [ ]  |
| **C6. Scale of problem – evacuation requirements**. Please place **‘x’ in each relevant box.** |
| 1. Evacuation centres outside the community e.g. in an adjacent or external township
 | [ ]  |
| 1. Evacuation in a hurry due to extreme rate of water rise and associated danger to evacuees
 | [ ]  |
| 1. Evacuation leaves no time for damage reduction
 | [ ]  |
| 1. Evacuation required from area
 | [ ]  |
| 1. External evacuation assistance necessary due to loss of overland evacuation route
 | [ ]  |

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| **Implementation project assessment sheet 2:****Detailed data – all applications** |

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| **C7. Community involvement in project.** Please place **‘x’ in one box only** for highest level of community involvement. |
| 1. Developed by committee with community membership in accordance with the Manual
 | [ ]  |
| 1. Developed by a project steering committee with community membership
 | [ ]  |
| 1. Input from **one** community meeting during the evolution of the project
 | [ ]  |
| 1. Input from **more than one** community meeting during the evolution of the project
 | [ ]  |
| 1. No public comment or input
 | [ ]  |
| 1. Public comment invited on environmental impact statement or project development application
 | [ ]  |
| **C8. Strategic planning in place.** Please place **‘x’ in one box only** for the highest level of strategic planning in place to manage new development on the floodplain. |
| 1. Development control plan (DCP) with specific flood-related controls
 | [ ]  |
| 1. Floodplain risk management plan not supported by other planning controls
 | [ ]  |
| 1. Floodplain risk management plan supported by a local environmental plan (LEP) and DCP
 | [ ]  |
| 1. Individual application assessment and conditions
 | [ ]  |
| 1. LEP with specific flood-related controls
 | [ ]  |
| 1. Policy which provides that floor levels must be above a nominated flood standard
 | [ ]  |
| **C9. Benefit–cost ratio of proposed works.** Please place **‘x’ in one box only**. |
| 1. Benefit–cost ratio >4
 | [ ]  |
| 1. Benefit–cost ratio 3–4
 | [ ]  |
| 1. Benefit–cost ratio 2–3
 | [ ]  |
| 1. Benefit–cost ratio 1–2
 | [ ]  |
| 1. Benefit–cost ratio 0.5–1
 | [ ]  |
| 1. Benefit–cost ratio <0.5
 | [ ]  |
| **C10. Community flood awareness** Please place **‘x’ in each relevant box**. |
| 1. Flood information is publicly available on the internet
 | [ ]  |
| 1. Flood information is freely available on request
 | [ ]  |
| 1. Flood affectation is identified through Planning Certificates
 | [ ]  |
| 1. Community flood information has been distributed in the last 12 months
 | [ ]  |
| 1. Community flood information has been distributed in the last 3 years
 | [ ]  |
| **C11. Environmental assessment and Enhancement**  Place **‘x’ in one box only** for highest compatibility level |
| 1. Alternative options investigated to optimise social, environmental and economic outcomes
 | [ ]  |
| 1. Environmental consideration only addressed after design e.g. in at EIA (environmental impact assessment) stage
 | [ ]  |
| 1. Project developed in isolation, structural solution only
 | [ ]  |
| 1. Project is compatible with ecologically sustainable development (ESD) balancing environmental, social and economic factors
 | [ ]  |
| 1. Project is strongly compliant with the principles of ESD and incorporates environmental enhancements
 | [ ]  |

Please answer all questions based on the planning flood (typically 1% AEP flood (1 in 100 year ARI flood) or the flood of record) for the urban area benefitting from the project unless stated otherwise.

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| **Implementation project assessment sheet 3:** **Specific data – integrated schemes and structural works only** |

Please answer all questions based on the planning flood (typically 1% AEP flood (1 in 100 year) ARI flood or the flood of record) for the urban area benefitting from the project unless stated otherwise.

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| **C12. Average damage per dwelling.** Please place **‘x’ in one box only** to indicate the calculated damage per dwelling (use actual rather than potential damage). |
| 1. <$5000
 | [ ]  |
| 1. $5,000–$9999
 | [ ]  |
| 1. $10,000–$19,999
 | [ ]  |
| 1. $20,000–$29,999
 | [ ]  |
| 1. $30,000 +
 | [ ]  |
| **C13. Average annual damage (AAD) per dwelling.** Please place **‘x’ in one box only** to indicatethe calculated AAD per dwelling (use actual rather than potential damage). |
| 1. <$100
 | [ ]  |
| 1. $100–$999
 | [ ]  |
| 1. $1000–$1999
 | [ ]  |
| 1. $2000–$2999
 | [ ]  |
| 1. $3000 +
 | [ ]  |
| **C14. Percentage reduction in AaD per dwelling.** Please place **‘x’ in one box only** toindicate the calculated reduction in AAD per dwelling due to the proposed project. |
| 1. Reduction per dwelling >80%
 | [ ]  |
| 1. Reduction per dwelling 60–79%
 | [ ]  |
| 1. Reduction per dwelling 40–59%
 | [ ]  |
| 1. Reduction per dwelling 20–39%
 | [ ]  |
| 1. Reduction per dwelling 10–19%
 | [ ]  |
| 1. Reduction per dwelling <10%
 | [ ]  |
| **C15. Social improvements resulting from project.** Please place **‘x’** **in each relevant box.** |
| 1. Community now protected in the planning flood
 | [ ]  |
| 1. Impacts on business viability in the planning flood limited
 | [ ]  |
| 1. Key community infrastructure now protected in the planning flood
 | [ ]  |
| 1. Essential services now protected in the planning flood
 | [ ]  |
| 1. Plans in place to deal with long duration flooding (resupply, etc.)
 | [ ]  |

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| **Implementation project assessment sheet 4:** **Specific data – projects to improve evacuation management only** |

Please answer all questions based on the planning flood (typically 1% AEP flood (1 in 100 year) ARI flood or the flood of record) for the urban area benefitting from the project unless stated otherwise.

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| **C16. Flood behaviour and impacts**.Please place **‘x’ in each relevant box.** |
| 1. Urban area is in a floodway
 |  |
| 1. Urban area is high hazard (Manual) or H5-H6 (ADR Guide 7.3)
 | [ ]  |
| 1. Urban area is isolated from community evacuation destination and there is insufficient time to evacuate the community in the effective warning time
 | [ ]  |
| 1. Isolated area is completely inundated by floodwaters
 | [ ]  |
| 1. Above floor level flood depths in buildings in area to be evacuated >1.0 metre
 | [ ]  |
| 1. Flood depth above evacuation route levels >0.5 metre
 | [ ]  |
| 1. Rapid water level rise at the site of the project (more than 0.1metres per hour)
 | [ ]  |
| **C17. Evacuation management improvements resulting from project.** Please place **‘x’ in each relevant box.** |
| 1. Community evacuation strategy to be put in place
 | [ ]  |
| 1. Community evacuation centre arrangements to be put in place
 | [ ]  |
| 1. Area will now be able to be self-evacuated without external assistance within available effective warning time
 | [ ]  |
| 1. External evacuation resources will no longer required to support evacuation
 | [ ]  |
| 1. Areas will no longer be isolated in the full range of flood events
 | [ ]  |
| **C18. Scale of evacuation problem.** Please place **‘x’ in one box only** toindicate the calculated reduction in number of evacuees needing support or assistance. |
| 1. >2000 evacuees
 | [ ]  |
| 1. 100 – 2000 evacuees
 | [ ]  |
| 1. <100 evacuees
 | [ ]  |
| **C19. Social improvements resulting from project.** Please place **‘x’ in** each **relevant box.** |
| 1. Flood depths over evacuation route will now be < 0.3m
 | [ ]  |
| 1. Arrangements in place to minimise damage to essential services during a flood
 | [ ]  |
| 1. Arrangements in place to minimise restart time for essential services after a flood
 | [ ]  |
| 1. Arrangements in place to deal with long duration flooding (accommodation, etc.)
 | [ ]  |
| 1. Warning strategy in place to support community awareness/response
 | [ ]  |

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| **Implementation project assessment sheet 5:** **Specific data – projects to improve flood warning only** |

Please answer all questions based on the planning flood (typically 1% AEP flood (1 in 100 year) ARI flood or the flood of record) for the urban area benefitting from the project unless stated otherwise.

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| **C20. Flood behaviour and impacts**.Please place **‘x’ in each relevant box.** |
| 1. Urban area is in a floodway
 | [ ]  |
| 1. Urban area is high hazard (Manual) or H5-H6 (ADR Guide 7.3)
 | [ ]  |
| 1. Area is isolated from community evacuation destination
 | [ ]  |
| 1. > 50 houses/businesses with typical above floor flood depths >0.5 metres
 | [ ]  |
| 1. > 100 houses/businesses with typical above floor flooding > 1.0 metre
 | [ ]  |
| **C21. Flood warning.** Please place **‘x’ in each relevant box.** |
| 1. Available flood warning time is > 6 hours
 | [ ]  |
| 1. Project is part of a total flood warning system
 | [ ]  |
| 1. Flood warning is to be issued by the Bureau of Meteorology
 | [ ]  |
| 1. Project has been assessed as technically feasible
 | [ ]  |
| 1. Funding is available for ongoing operation and maintenance
 | [ ]  |
| **C22. Flood warning – scale of problem.** Please place **‘x’ in one box only** to indicate the main issues or shortcomings with the existing flood warning system. |
| 1. No existing warning system – evacuation required
 | [ ]  |
| 1. Previous warnings from existing system were inadequate and evacuation is required
 | [ ]  |
| 1. No existing warning system – required for loss of trafficable access rather than evacuation
 | [ ]  |
| 1. Existing warning system involves extrapolation from another location and evacuation is required
 | [ ]  |
| 1. The system is for supplementing warning for local tributaries only
 | [ ]  |
| **C23. Social improvements resulting from project.** Please place **‘x’ in each** **relevant box.** |
| 1. Community aware of what to do and time available to do this in event of a flood warning, and can plan and act accordingly
 | [ ]  |
| 1. Effective warning time provided which matches community needs to minimise damage and protect personal safety
 | [ ]  |
| 1. Arrangements in place to deal with community evacuation requirements
 | [ ]  |
| 1. Arrangements in place to minimise damage to essential services during a flood
 | [ ]  |
| 1. Arrangements in place to minimise restart time for essential service after a flood
 | [ ]  |

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| Implementation project assessment sheet 6: Specific data – voluntary house raising only |

Please answer all questions based on the planning flood (typically 1% AEP flood (1 in 100 year) ARI flood or the flood of record) for the urban area benefitting from the project unless stated otherwise.

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| **C24. Average damage per dwelling.** Please place **‘x’ in one box only** to indicate thecalculated damage per dwelling (use actual rather than potential damage). |
| 1. <$5000
 | [ ]  |
| 1. $5000–$9999
 | [ ]  |
| 1. $10,000–$19,999
 | [ ]  |
| 1. $20,000–$29,999
 | [ ]  |
| 1. $30,000 +
 | [ ]  |
| **C25. Average annual damage (AAD) per dwelling.** Please place **‘x’ in one box only** to indicatethe calculated AAD per dwelling (use actual rather than potential damage). |
| 1. <$100
 | [ ]  |
| 1. $100–$999
 | [ ]  |
| 1. $1000–$1999
 | [ ]  |
| 1. $2000–$2999
 | [ ]  |
| 1. $3000 +
 | [ ]  |
| **C26. Suitability of location and benefits**.Please place **‘x’ in each relevant box.** |
| 1. Area is not in a floodway nor a high hazard (Manual) H5-H6 area (ADR Guide 7.3)
 | [ ]  |
| 1. Community evacuation arrangements enable effective evacuation within the effective warning time
 | [ ]  |
| 1. Other mitigation options not technically or financially feasible
 | [ ]  |
| 1. House habitable floor levels to be raised above flood planning level from below 5% AEP flood
 | [ ]  |
| 1. House habitable floor levels to be raised above flood planning level from below 10% AEP flood
 | [ ]  |
| **C27. Percentage reduction in AaD per dwelling.** Please place **‘x’ in one box only** toindicate the calculated reduction in AAD per dwelling due to the proposed project. |
| 1. Reduction per dwelling >80%
 | [ ]  |
| 1. Reduction per dwelling 60–79%
 | [ ]  |
| 1. Reduction per dwelling 40–59%
 | [ ]  |
| 1. Reduction per dwelling 20–39%
 | [ ]  |
| 1. Reduction per dwelling 10–19%
 | [ ]  |
| 1. Reduction per dwelling <10%
 | [ ]  |

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| Implementation project assessment sheet 7: Specific data – voluntary purchase only |

Please answer all questions based on the planning flood (typically 1% AEP flood (1 in 100 year) ARI flood or the flood of record) for the urban area benefitting from the project unless stated otherwise.

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| **C28. Flood behaviour and risks.** Please place **‘x’ in each relevant box**. |
| 1. Houses are in a floodway
 | [ ]  |
| 1. Houses are in high hazard (Manual) or H5-H6 areas (ADR Guide 7.3)
 | [ ]  |
| 1. Houses are part of a floodway clearance scheme
 | [ ]  |
| 1. Evacuation of houses within the effective warning time is not feasible
 | [ ]  |
| 1. Rescue of residents poses a substantial risk to emergency management personnel
 | [ ]  |
| **C29. Average annual damage (AAD) per dwelling.** Please place **‘x’ in one box only** to indicatethe calculated AAD per dwelling (use actual rather than potential damage). |
| 1. <$100
 | [ ]  |
| 1. $100–$999
 | [ ]  |
| 1. $1000–$1999
 | [ ]  |
| 1. $2000–$2999
 | [ ]  |
| 1. $3000 +
 | [ ]  |
| **C30. Suitability of alternatives**.Please place **‘x’ in each relevant box.** |
| 1. No other floodplain risk management options are able to adequately manage risk to life
 | [ ]  |
| 1. Redevelopment of houses not viable to minimise risk to life
 | [ ]  |
| 1. Houses not able to be relocated to another area within their property to reduce risk to life
 | [ ]  |
| 1. Floodway clearance not achieved without removing dwelling
 | [ ]  |
| **C31. Social improvements resulting from project.** Please place **‘x’ in** each **relevant box.** |
| 1. Danger to personal safety reduced/removed
 | [ ]  |
| 1. Land to be rezoned to appropriate community use
 | [ ]  |
| 1. Personal trauma due to flooding significantly reduced or removed
 | [ ]  |
| 1. Potential for significant debris loadings due to house destruction removed
 | [ ]  |
| 1. Social disruption resulting from flooding significantly reduced or removed
 | [ ]  |
| 1. Rescue of residents from dangerous conditions no longer poses a risk to emergency services
 | [ ]  |

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| Lodging applications |

This form must be lodged with the Floodplain Management Program application for financial assistance 2020-21 for this project and be included as an attachment in the Grants Management System.

Before submitting your application, please make sure that you have included all the necessary information.

Applications must be submitted by **5.00pm 18 March 2021**.