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GreenPATH

Annex 1
Action Plan Template

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1. Introduction

Monza aims to reduce car dependency and promote sustainable mobility by improving cycling accessibility, network connectivity, and integration with key mobility hubs. Analyses carried out through the GreenPATH project identified cycling infrastructure gaps, fragmented connections, and accessibility barriers affecting daily mobility across the city. Using mobility data, cycling accessibility and user demand assessments, network analyses and GPS-based evidence, the GreenPATH project supported the identification of priority interventions for sustainable mobility planning and infrastructure development.

This Action Plan brings together three complementary actions:

- The integration of GreenPATH results into the Sustainable Urban Mobility Plan (PUMS)
- The inclusion of Green Ring (Anello Verde) within the Piano di Governo del Territorio (PGT)
- The development of new cycling infrastructure to improve access to Monza railway station and strengthen cycling connectivity across the city

2. Policy & Strategic Framework

This Action Plan contributes to the implementation of existing mobility and territorial planning frameworks in Monza by improving cycling accessibility, strengthening network connectivity, enhancing multimodal accessibility, and supporting data-driven decision-making for sustainable mobility.

Strategy / Plan / Policy	Level	Relevant objective or measure	How this Action Plan contributes
Sustainable Urban Mobility Plan (PUMS)	*Local*	*Increases sustainable modal share, improves cycling accessibility and safety; improvement of active mobility*	*Integrates GreenPATH results into future PUMS implementation and supports cycling accessibility*
Piano di Governo del Territorio (PGT)	*Local*	*Improves sustainable accessibility and integration of mobility services*	*Supports the inclusion of the Green Ring (Anello Verde) and strengthens sustainable accessibility through improved cycling connections*
Biciplan	*Local*	*Enhancement and continuity of the urban cycling network*	*Strengthens strategic cycling links and improves network continuity*
Regione Lombardia Multimodale Urbano Initiative	*Regional*	*Improve quality and efficiency of active mobility*	*Ensures that mobility data, and analyses support policy development, planning processes and future mobility interventions*

3. Stakeholder Analysis

The implementation of this Action Plan requires cooperation between public authorities and mobility stakeholders involved in planning, infrastructure development, funding, and mobility management.

Organisation / Name	Contact details	Sector Public / Private	Role	Involved in Actions
Comune di Monza	*Armati Manuela (marmati@comune.monza.it), apiantoni@comune.monza.it, greenpath@comune.monza.it*	*Public*	*Leads the complete implementation of the Action Plan, planning and decision-making activities, procurements*	*A-01, A-02, A-03*
Monza Mobilità	*Anna Negri (negri@monzamobilita.it)*	*Public / Private*	*Provides technical support for mobility analysis and implementation activities*	*A-01, A-03*
Regione Lombardia	*multimodaleurbano@regione.lombardia.it*	*Public*	*Provides financial support through the Multimodale Urbano programme, supervises programme requirements*	*A-03*

4. Objectives

Overall Objective

To promote sustainable mobility in Monza by improving cycling accessibility, strengthening network connectivity, enhancing access to key mobility hubs.

Specific Objectives

- To improve multimodal accessibility and encourage shift from private car use towards active mobility
- To enhance cycling accessibility and network continuity across the city.

Data-Driven Approach

This Action Plan is based on the results of the GreenPATH Monza pilot. The datasets supported the identification of connectivity gaps, priority cycling corridors, accessibility barriers, and opportunities for improving mobility and future planning decisions.

Core Solution Area - Other: Data-driven mobility and territorial planning

5. Actions

This Action Plan consists of three actions that combine strategic planning, territorial planning, and infrastructure development. These addresses the need for stronger decision-making, improved cycling connectivity, and better accessibility.

Action ID	A-01
Action Title	Integration of GreenPATH Results into the Monza PUMS
Type of Action	Policy / Planning Action
Challenge Addressed	High dependence on private car use, congestion, transport emissions, and limited use of data in mobility planning
Link to existing strategies	Monza Sustainable Urban Mobility Plan (PUMS); supports objectives related to sustainable mobility, cycling accessibility, reducing car dependency, and lower emissions
Description and Key implementation steps	- Review & validate GreenPATH-Monza findings - Integrate relevant results into PUMS planning and decision-making process - Monitoring the planned mobility activities
Responsible institution	Comune di Monza
Other institutions involved	Monza Mobilità
Expected results	- Stronger data-driven decision-making - Improved identification of priority mobility interventions - Support for long-term sustainable mobility objectives

Action ID	A-02
Action Title	Inclusion of Green Ring (Anello Verde) in the PGT-Piano di Governo del Territorio
Type of Action	Territorial Planning / Policy Action
Challenge Addressed	Limited cycling accessibility and network continuity
Link to existing strategies	Piano di Governo del Territorio (PGT) of the City of Monza
Description and Key implementation steps	- Identifying the need for the Green Ring (Anello Verde) - Developing the proposal as a strategic cycling corridor - Including the bike path; Green Ring within the PGT planning framework

Responsible institution	Comune di Monza
Other institutions involved	None
Expected results	- Inclusion of the Green Ring (Anello Verde) in the PGT - Improved cycling connectivity and sustainable mobility objectives

Action ID	A-03
Action Title	New Infrastructure
Type of Action	An investment
Challenge Addressed	Unsustainable commuting, air pollution, lack of cycling infrastructure
Link to existing strategies	PGT, PUMS, BiciPlan
Description and Key implementation steps	Improvement of cycling connections to Monza train station through new infrastructure and safer crossings. The key steps are design, approvals, procurement, construction and commissioning
Responsible institution	Comune di Monza
Other institutions involved	Regione Lombardia
Expected results	Creation of a new cycling infrastructure to increase the commuting by bike

6. Implementation Timeline

A-01: Integration of GreenPATH Results into the Monza PUMS

- **2026-2027:** Review, validation, and assessment of GreenPATH-Monza results
- **2027-2028:** Stakeholder consultation & alignment of recommendations with planning priorities
- **2028-2030:** Integration into PUMS implementation, monitoring activities

A-02: Inclusion of Green Ring (Anello Verde) in the PGT

- **2025-2026:** Identified the need for the Green Ring (Anello Verde) around the city centre
- **By the end of 2026:** Inclusion of the Green Ring as a strategic cycling corridor within Monza's PGT
- **Future implementation:** Activities will depend on funding availability, regulatory approvals, road and spatial constraints, and design development

A-03: New Cycling Infrastructure for Monza Railway Station Accessibility

- Preliminary Design – **Completed**
- Financing Request – **Completed**

- Financing Acquisition – **Completed**
- Executive Design – **In Progress**
- Construction Site Start – **by 15 March 2027**
- End of Construction Works – **by 30 June 2029**
- Infrastructure Opening – **by September 2029**

7. Risk Analysis

The implementation of this Action Plan depends on the availability of financial resources, and the delivery of infrastructure activities. Potential risks related to planning processes, funding, approvals, and project implementation will be monitored throughout the implementation period.

Action ID	Risk	Likelihood (L/M/H)	Impact (L/M/H)	Mitigation measure
A-01	*Changes in the political priorities*	*M*	*H*	*Demonstrating the strategic values of results and maintaining alignment with adopted policies.*
A-02	*Future revisions to municipal planning policies*	*L*	*M*	*Maintain alignment with PGT objectives and planning priorities.*
A-02	*Limited resources for future implementation of the Green Ring*	*M*	*M*	*Exploring future municipal, regional, national, or EU funding opportunities.*
A-03	*Not achieving one of the Regione Lombardia milestones and loosing financing*	*M*	*H*	*Being a priority for the PA, Alternative funding sources would be found in national end European initiatives or with municipality founding.*
A-03	*Delays in procurement or construction activities*	*M*	*H*	*Detailed project planning and regular progress monitoring*
A-03	*Delays in obtaining permits and approvals*	*M*	*H*	*Early coordination with relevant authorities and following the approval procedures*

8. Financial Overview

The planning and policy actions included in this Action Plan will be carried out using existing municipal resources and do not require additional funding. The cycling infrastructure action is funded through the Regione Lombardia *Multimodale Urbano* programme.

Action ID	Action Title	Estimated cost (EUR)	Funding source	Status
A-01	*Integration of GreenPATH results into Monza PUMS*	*No additional cost*	*Municipality Budget*	*To be assessed*
A-02	*Inclusion of Green Ring in the PGT*	*No additional cost*	*Existing Municipal planning resources*	*Covered through ordinary planning activities*
A-03	*"Multimodale Urbano Monza"*	*8.562.860 €*	*Regione Lombardia - Multimodale Urbano Programme*	*Funding secured*
TOTAL		*8.562.860 €*		

9. Monitoring

The Action Plan will be monitored by the Comune di Monza, with support from Monza Mobilità. Monitoring will focus on the implementation of the planned actions, the integration of GreenPATH findings into planning processes, and the progress of infrastructure activities.

10. Conclusions

This Action Plan supports sustainable mobility in Monza through a combination of planning and infrastructure actions. By integrating GreenPATH results into the PUMS, including the Green Ring (Anello Verde) in the PGT. The pilot aims to strengthen cycling connectivity, improve accessibility, and support data-driven decision-making for the future mobility.

11. List of Annexes

Annex 1 – Action Plan Canvas