Project Ireland 2040

- National Planning Framework
- National Development Plan (2018 - 2027)

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September 2018



Project Ireland 2040



Project Ireland 2040 is the Government's overarching policy initiative to make Ireland a better country for all, a country that reflects the best of who we are and what we aspire to be.



Project Ireland 2040

National Strategic Outcomes delivered via 2 Policy Documents:

- National Planning Framework
- National Development Plan 2018-2027



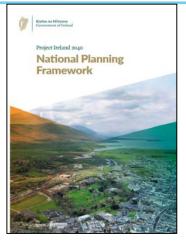


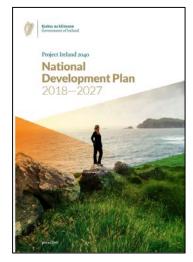




NPF and NDP: What Project 2040 means for TII

- National Planning Framework shapes future growth and development of Ireland to the year 2040, by guiding public and private investment, creating opportunities for people, and enhancing our environment;
- An ambitious ten-year National Development Plan, which underpins the Planning Framework with €116 billion worth of investment.







National Planning Framework Overview

- The development strategy to shape our national, regional and local spatial development in economic, environmental and social terms to 2040
- 10 National Strategic Outcomes
- 10 National Strategic Investment Priorities
- 75 National Policy Objectives
- National Policy Objective No. 74: 'secure the alignment of the NPF and NDP through the delivery of National Strategic Outcomes'



What does this look like?

• Irelands Three Regions

Targeting a level of growth in the country's Northern and Western and Southern Regions combined, to at least match that projected in the East and Midland Region in Ireland Cities and Regional Centres of Scale.

Irelands Capital

Supporting the future growth and success of Dublin as Ireland's leading global city of scale, by better managing Dublin's growth to ensure that more of it can be accommodated within and close to the city.

• Irelands Cities

Enable Cork Limerick Galway & Waterford to grow by at least 50% as viable alternatives to Dublin to become cities of scale.

• Irelands Rural Fabric:

Reversing town/village and rural population decline.

• Compact Growth:

Targeting a greater proportion (40%) of future housing development to be within and close to the existing 'footprint' of built-up areas.



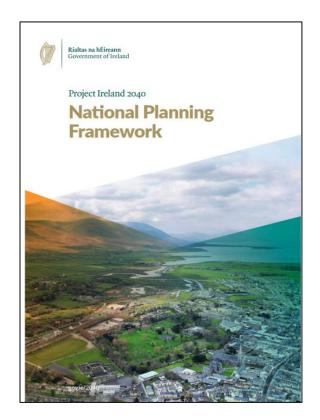


NPF Targets

Project Ireland 2040 Population 5.85 million Additional 1.1 million people , 660,000 jobs									
Eastern & N Regio		Southern	Region	Northern & Western Region					
+ 490,000 - 540,000 people	Jobs +320,000 in employment (1.34m total)	Population + 340,000 - 380,000 people (2m total)	Jobs +225,000 in employment (880,000 total)	Population Jobs +160,000 - 180,000 +115,000 people employme (1m total) (450,000)					
Dublin City and Suburb +235,000 - 290,000 per (at least 1.41 million tot To be set out in Region Economic Strategy • Athlone • Newry-Dundal cross border n	ople tal) nal Spatial & Ilk-Drogheda	Centres of Cork City and Suburb +105,000 - 125,000 p (at least 315,000 total Limerick City and Sub +50,000 - 55,000 peo (at least 145,000 total Waterford City and Su +30,000 - 35,000 peo (at least 85,000 total)	eople l) purbs: ple l) uburbs: ple	Galway City and Suburbs: +40,000 - 45,000 people (at least 120,000 total) To be set out in Regional Spatial & Economic Strategy • Sligo • Athlone • Letterkenny-Derry cross border network					



What does the NPF mean for TII?





TII & 10 National Strategic Outcomes

- 1. Compact Growth
- 2. Enhanced Regional Accessibility
- 3. Strengthened Rural Economies and Communities
- 4. Sustainable Mobility
- 5. A Strong Economy, supported by Enterprise, Innovation and Skills
- 6. High-Quality International Connectivity
- 7. Enhanced Amenity and Heritage
- 8. Transition to a Low Carbon and Climate Resilient Society
- 9. Sustainable Management of Water and other Environmental Resources
- 10. Access to Quality Childcare, Education and Health Services



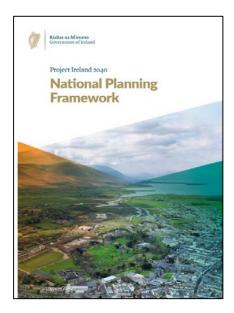
	National Planning Framework policies, actions and investment focus for TII
NSO 1 Compact Growth	 Urban Renewal & Development: Improve accessibility to and between centres of mass and scale and better integration with surrounding areas Ensure transition to more sustainable modes of travel and energy consumption within an urban context Rural Renewal & Development: Ensure transition to more sustainable modes of travel and energy consumption within smaller towns and villages and rural areas
NSO 2 Enhanced Regional Accessibility	 Inter-Urban Roads Maintaining the strategic capacity and safety of the national roads network including planning for future capacity enhancements; Improving average journey times targeting an average inter-urban speed of 90kph; Enabling more effective traffic management within and around cities; Advancing orbital traffic management solutions, such as Galway Ring Road and M8/N25/N40 Dunkettle Junction Accessibility to the North-West Upgrading access to the North-West border area, utilising existing routes (N2/N14/A5); Upgrading northern sections of the N4 and N5 routes and sections of the N3/M3 national primary route; Progressive development of the Atlantic Economic Corridor from Galway northwards by upgrading sections of the N17 northwards, where required and upgrading the N15/N13 link.
NSO 3 Strengthened Rural Economies and Communities	 Rural Development Invest maintaining regional and local roads and strategic road improvement projects in rural areas to ensure access to critical services such as education, healthcare and employment;
NSO 4 Sustainable Mobility	 Public Transport Expand public transport alternatives to car transport to reduce congestion and emissions & enable the transport sector to cater for longer term population and employment growth through: Deliver the key public transport objectives of the Transport Strategy for the Greater Dublin Area 2016-2035 by investing in projects such as MetroLink, DART Expansion Programme, BusConnects in Dublin and key bus-based projects in other cities and towns
NSO 6 High-Quality International Connectivity	 Airports and Ports Enhancing land-side access, particularly in public transport terms, such as through the MetroLink project in Dublin; Improve land transport connections to the major ports including: Facilitating the growth of Dublin Port through greater efficiency, limited expansion into Dublin Harbour and improved road access, particularly to/from the southern port area; Enhancing road connectivity to Shannon-Foynes Port, including local by-passes; and Improving access to Ringaskiddy Port.

What next for TII ?

Further Active Engagement

- 1. Regional Spatial and Economic Strategies with Metropolitan Area Strategic Plans
- 2. Transport Strategies for all cities and regional centres
- 3. Engagement with National Regeneration and Development Agency
- 4. Urban and Rural Regeneration and Development Funds

Most critically Implementing the NPF by focussed delivery of NDP and associated TII projects

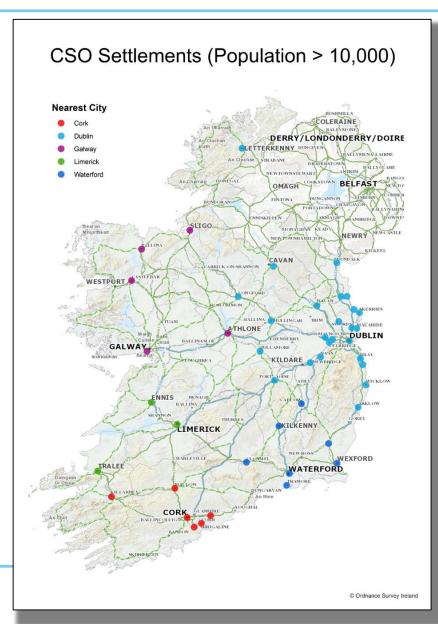




National Development Plan (2018-2027)



What sections of the Network were considered.

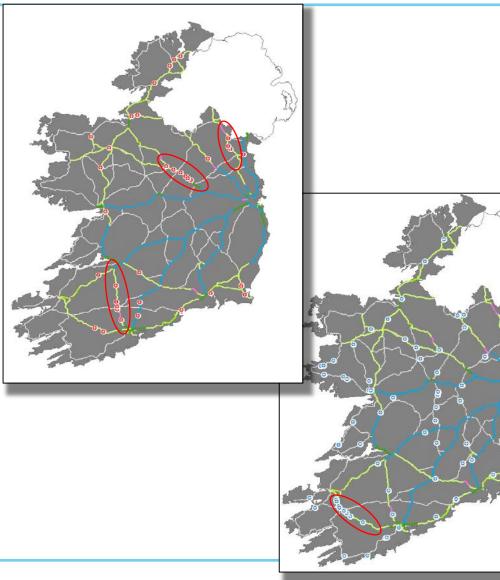


Connecting Communities

- Cities & Urban Areas of Scale
- 33 locations all on or adjacent the National Primary Network



What sections of the Network to considered.

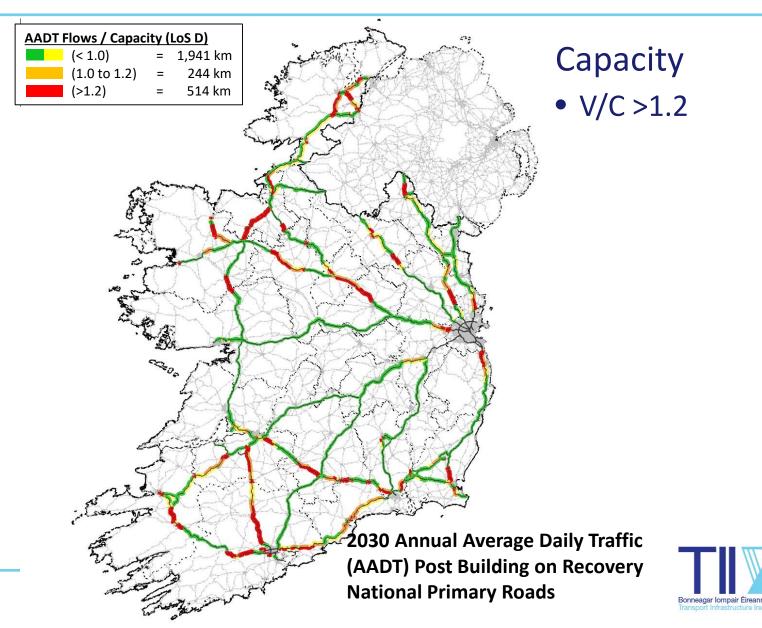


Safety

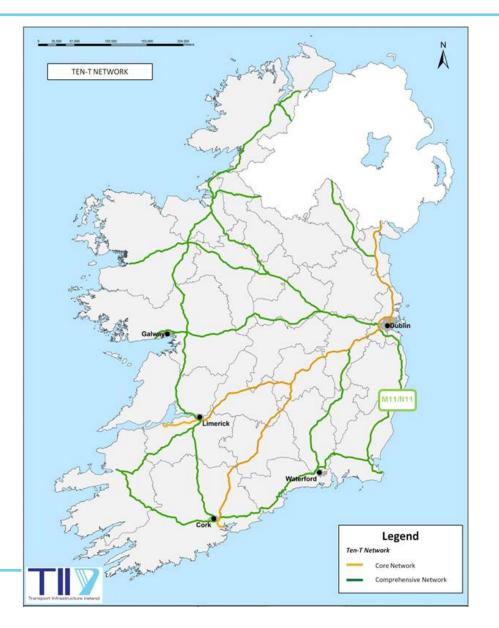
- Head on collisions
- Head on Fatal collisions



What sections of the Network were considered.



What sections of the Network were consider



European Policy

- TEN-T Network
- Core and Comprehensive



Pre-Appraisal Considerations

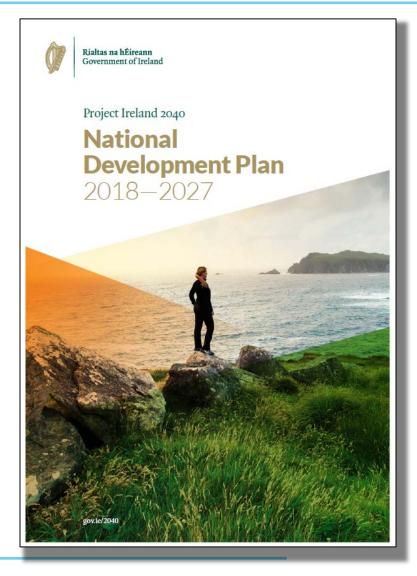
PRE-APPRAIS	AL PROJECTS			BACKGROUND INFO									
Route		Project		Current Traffic Volumes	TEN T	National Primary 2030 V/C > 1.2	NTA Transport Strategy for the Greater Dublin Area	Head On Collision Report: Sections Identified	National Planning Framework - Links / serves settlements >10,000 population				
2		out to Kilmoon Cro	SS	16,000	NO	YES	YES	NO	YES				
2	N2 Clontibret to t	he Border		5,700	COMP	NO	NO	YES	YES				
2	N2 Ardee to Sout	h of Castleblaney		10,000	COMP	NO	NO	YES	YES				
3	N3 Virginia Bypas	s		12,000	NO	YES	NO	NO	YES				
3	M50 to Clonee			75,000	NO	YES	YES	NO	YES				
4	Mullingar to Long	ford / Roosky		12,400	COMP	YES	NO	YES	YES				
4	Carrick-on-Shann	on to Dromod		8,000	COMP	NO	NO	NO	YES				
		OTHER OBJECTIVES											
Completing Missing Links	Accessing Poorly Served Regions	Increasing Employment Accessilility	Port/airport Access	BREXIT Mitigation			Comments						
YES	YES	YES		YES									
YES	YES	YES		YES		Not on	TENT-T, Safety S	cheme					
YES	YES	YES		YES									
YES	YES	YES		YES		Not on TE	N-T, Access to N	orth West					
YES		YES					n TEN-T, GDA Str						
		YES											
YES	YES			YES									

Pre-Appraisal Considerations

PRE-APPRAIS	APPRAISAL PROJECTS BACKGROUND PRIORITY 1						OTHER OBJECTIVES						
Route	Project	Current Traffic Volumes	TEN T	National Primary 2030 V/C > 1.2	NTA Transport Strategy for the Greater Dublin Area	Head On Collision Report: Sections Identified	National Planning Framework - Links / serves settlements >10,000 population	Completing Missing Links	Accessing Poorly Served Regions	Increasing Employment Accessilility	Port/airport Access	BREXIT Mitigation	Comments
2	N2 Rath Roundabout to Kilmoon Cross	16,000	NO	YES	YES	NO	YES	YES	YES	YES		YES	
2	N2 Clontibret to the Border	5,700	COMP	NO	NO	YES	YES	YES	YES	YES		YES	Not on TENT-T, Safety Scheme
2	N2 Ardee to South of Castleblaney	10,000	COMP	NO	NO	YES	YES	YES	YES	YES		YES	
3	N3 Virginia Bypass	12,000	NO	YES	NO	NO	YES	YES	YES	YES		YES	Not on TEN-T, Access to North West
3	M50 to Clonee	75,000	NO	YES	YES	NO	YES	YES		YES			Not on TEN-T, GDA Strategy
4	Mullingar to Longford / Roosky	12,400	COMP	YES	NO	YES	YES			YES			
4	Carrick-on-Shannon to Dromod	8,000	COMP	NO	NO	NO	YES	YES	YES			YES	
4	Maynooth to Leixlip	58,000	COMP	YES	YES	NO	YES						
11	N11 Oilgate to Rosslare	13,000	COMP	YES	NO	NO	YES				YES	YES	
11	Jn 4 M50 To kilmacanogue	>70,000	COMP	YES	YES	NO	YES						
13	Ballybofey to Stranoriar Bypass	7-10,000	COMP	YES	NO	NO	YES	YES	YES			YES	
13/14/56	4 Iane Road Letterkenny /Manorcunningham	19,400	PART	YES	NO	NO	YES		YES			YES	
14	Manorcunningham to Lifford	11,400	COMP	YES	NO	NO	YES		YES			YES	
17	Knock to Collooney	6 - 10,000	COMP	YES	NO	NO	YES		YES	YES			
20	Cork to Limerick	20,000	COMP	YES	NO	YES	YES	YES		YES	YES	YES	
21	Newcastle West Relief Road	10,500	COMP	YES	NO	NO	YES	YES					
21	Abbeyfeale Relief Road	10,500	COMP	YES	NO	NO	YES	YES					
22	N22 Farranfore to Killarney	10-15,000	COMP	YES	NO	YES	YES	YES	YES		YES		
24	Cahir to Waterford	7-13,000	NO	YES	NO	NO	YES	YES	YES	YES			Not on TEN-T, Waterford to Limerick Connectivity
24	Cahir to Limerick Junction	6,400	NO	YES	NO	NO	YES				YES	YES	Not on TEN-T, Waterford to Limerick Connectivity
25	N25 Carrigtohill to Midleton	35,000	COMP	YES	NO	NO	YES			YES	YES	YES	
25	N25 Waterford to Glenmore	11,800	COMP	YES	NO	NO	YES			YES	YES	YES	
50	Southern Port Access From tunnel, includes bridge and Poolbeg IC	-	NO	-	YES	NO	-	YES			YES		
52	N52 Tullamore to Kilbeggan	12,800	NO	YES	ND	NO	YES	YES		YES			Not on TEN-T, Mulingar to Tullamore, Tullamore to Athlone Connectivity
PROGRESSING SCI	HEMES												
5 52 69	N5 Ballaghaderreen to Scramogue Business Case approved N52 Ardee Bypass - Planning approved N69 Listowel Bypass -Planning Approved	5,000 6,000 -	COMP NO COMP	YES YES YES	ND ND ND	NO NO NO	NO NO	YES YES YES	YES			YES	

OTHER POTE	DTHER POTENTIAL PROJECTS INFO PRIORITY 1				OTHER OBJECTIVES					Ţ			
Route	Project	Current Traffic Volumes	TEN T		NTA Transport Strategy for the Greater Dublin Area	Head On Collision Report: Sections Identified	National Planning Framework - Links / serves settlements >10,000 population	Completing Missing Links	Accessing Poorly Served Regions	Increasing Employment Accessilility	Port/airport Access	BREXIT	Comments
1	Balbriggan to Lissenhall (>1.2)	60,000	CORE	YES	YES	NO	YES				YES	YES	Catered for within GDA Strategy
17	Tuam Claremorris (>1.2)	8,500	COMP	YES	NO	NO	YES	YES	YES				Some minor improvement along corridor (Ballindine-Milltown)
22	Macroom to Ballincollig Cork (>1.2)	12-18,000	COMP	YES	NO	YES	YES	YES	YES				Improvements made east of Lissarda
22	Carrigrohane to UCC (>1.2)	11-16,000	NO	YES	NO	NO	YES			YES			Not on TEN-T, will be dealt with in CMATS
24	Limerick to Caherconlish (>1.2)	17,000	NO	YES	NO	NO	YES	YES		YES			Not on TEN-T, covered by Urban Transport Strategy
26	Ballina to Bohola (Mountfalcon to Foxford) (>1.2)	8,000	NO	YES	NO	NO	YES	YES	YES	YES			Not on TEN-T
27	Cork Airport to N40 (>1.2)	20,000	CORE	YES	NO	NO	YES				YES		Will be dealt with in CMATS
3	The Poles to Bulters Bridge (1.0 to >1.2)	11,000	NO	YES	NO	NO	YES	YES	YES	YES		YES	Not on TEN-T
4	Maynooth to Kilcock (1.0 to >1.2)	45,000	COMP	YES	NO	NO	YES						Significant previous investment on M4
13	Letterkenny to Stranorlar (1.0 to >1.2)	12,000	COMP	YES	NO	NO	YES	YES	YES			YES	Minor improvements to northern sections
13	Manorcunningham to Bridgend (1.0 to >1.2)	9-13,000	COMP	YES	ND	NO	YES	YES	YES	YES		YES	Minor improvements undertaken along corridor
15	Sligo to Cliffony (1.0 to >1.2)	8-12,000	COMP	YES	NO	NO	YES	YES		YES			Some minor improvement along corridor (Munninane)
2	Kilmoon to Slane BP South (1.0 to 1.2)	15,000	NO	NO	NO	NO							Non Core, Capacity not > 1.2
2	Slane BP North to Collon (1.0 to 1.2)	6.000	NO	NO	NO	NO							Non Core, Capacity not > 1.2
5	Turlough to Bohola (1.0 to 1.2)	12,000	COMP	NO	NO	NO	YES	YES	YES				Capacity not > 1.2
7	Monasterevin to Newbridge (1.0 to 1.2)	38-45,000	CORE	NO	NO	NO	YES						Significant previous investment, Capacity not > 1.2
21	Abbeyfeale to Rathkeale (inter urban section) (1.0 to 1.2)	11.000	COMP	NO	ND	NO	YES	YES					Capacity not > 1.2
25	Middleton to Youghal (1.0 to 1.2)	9-17.000	COMP	NO	NO	NO	YES	YES					Capacity not > 1.2
25	Waterford to Dungarvan (1.0 to 1.2)	10,000	COMP	NO	NO	NO	YES	YES					Capacity not > 1.2

Discussions with DTTAS & DPER



Having completed the

Process and interaction with DTTAS what made it into the

National Development Plan?

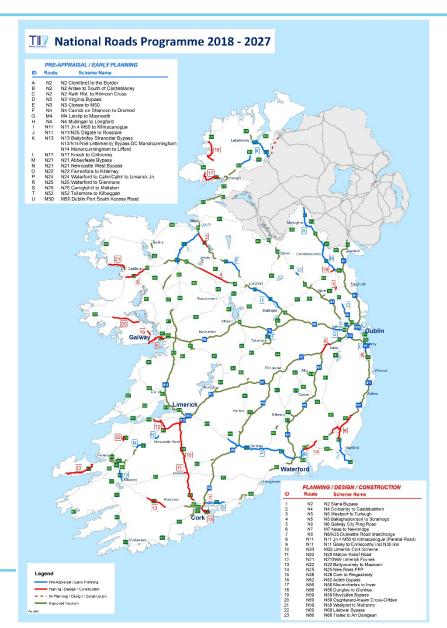
- Funding
- Projects

Funding - NDP – Allocations to National Roads

Table 3.2 Indicative resource allocations for the delivery of NSOs, and for named Strategic Investment Priorities under each NSO, over the period 2018-2027

€ billion	Exchequer	Non- Exchequer	Allocation	
1. Compact Growth (Lead Department: DHPLG: Related Departments, DTTAS, DRCD)			14.5	
of which: Social Housing Provision	11.6			
Urban Regeneration and Development Fund	2.0			
2. Enhanced Regional Accessibility (Lead Department: DTTAS)			7.3	
of which: M20 Cork to Limerick	0.9			
National Roads	5.7			
3. Strengthened Rural Economies and Communities (Lead Departments: DRCD, DAFM. Related Departments: DBEI, DTTAS, DCHG, DCCAE)			8.8	
of which: Regional and Local Roads	4.5			
Rural Regeneration and Development Fund	1.0			
National Broadband Plan	Confidential			
Agriculture	0.8			
Tourism	0.3			
State Owned Enterprises (for example, Coillte, Bord na Móna)		0.8		
4. Sustainable Mobility (Lead Department: DTTAS)			8.6	
of which: Dart Expansion	2.0			
Metro Link	3.0			
BusConnects Programme	2.4			

Projects - What Roads? Where?



Inter-Urban Roads

- M20 Cork to Limerick
- N6 Galway City Ring Road
- M7 Naas to Newbridge bypass widening, Osberstown interchange and Sallins Bypass
- N8/N25 Dunkettle Interchange
- N69 Listowel Bypass
- N28 Cork to Ringaskiddy Road
- N21/N69 Limerick to Adare to Foynes
- N22 Ballyvourney to Macroom
- N72/N73 Mallow Relief Road
- N59 Moycullen Bypass
- N25 New Ross Bypass
- M11 Gorey to Enniscorthy

- Accessibility to the North-West
 - N4 Collooney to Castlebaldwin
 - N5 Westport to Turlough
 - N5 Ballaghaderreen to Scramogue
 - N52 Ardee Bypass
 - N2 Slane Bypass
 - N56 Dungloe to Glenties
 - A5 Road Development
 - N56 Mountcharles to Inver

Network

- Protect investment in existing inter-urban rail network
- A feasibility study of high speed rail between Dublin Belfast, Dublin Limerick Junction/Cork and an
 evaluation of its economic benefits against improvements to existing line speeds will also be carried out
 against relevant appraisal processes and value-for-money tests required under the Public Spending Code
 to commence within a year.

Rail

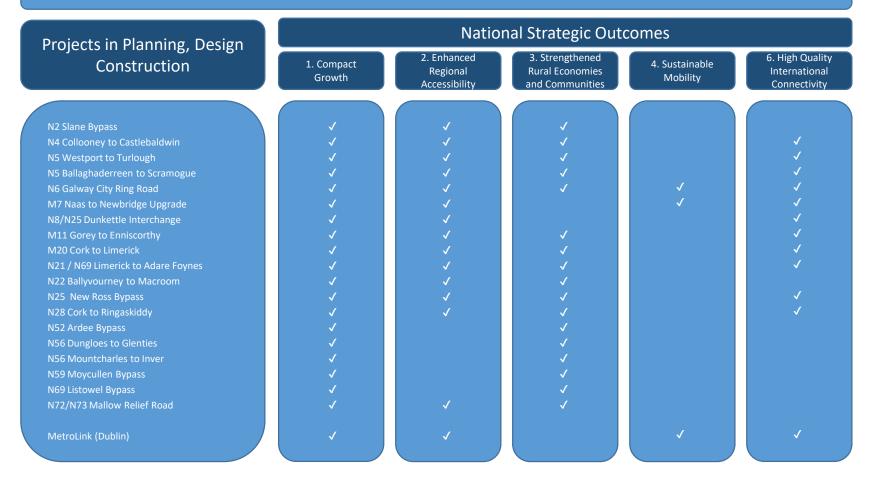
The following sections of the national road network will be progressed through pre-appraisal and early planning during 2018 to prioritise projects which are proceeding to construction in the National Development Plan.

- N2 Clontibret to the Border
- N2 Rath Roundabout to Kilmoon Cross
- N2 Ardee to south of Castleblaney
- N3 Virginia Bypass
- M4 Maynooth to Leixlip
- N4 Mullingar to Longford
- N4 Carrick on Shannon
- M11 from Jn 4 M50 to Kilmacanogue
- N11 Oilgate to Rosslare
- N13 Ballybofey Stranorlar Bypass
- N13/N14/N56 Letterkenny Bypass and Dual Carriageway to Manorcunningham

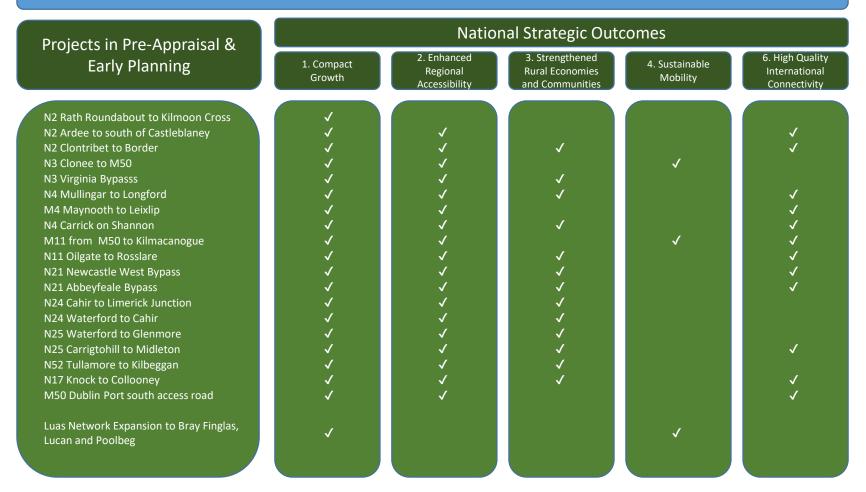
- N14 Manorcunningham to Lifford
- N17 Knock to Collooney
- N21 Newcastle West Bypass
- N21 Abbeyfeale
- N24 Cahir to Limerick Junction
- N24 Waterford to Cahir
- N25 Waterford to Glenmore
- N25 Carrigtohill to Middleton
- N52 Tullamore to Kilbeggan
- N3 Clonee to M50
- M50 Dublin Port south access

TII Projects Delivering on NPF & NDP National Strategic Objectives

Project Ireland 2040: National Planning Framework and National Development Plan (2018-2027)



Project Ireland 2040: National Planning Framework and National Development Plan (2018-2027)



Programme - What Can TII Deliver On?

NDP Category	Tender Process	Possible Construction Start based on funding profile.	Construction Finish	2018	201 9	2020	2021	2022	2023	2024	2025	2026	2027
Inter-urban roads	2021	2022	2026										
Inter-urban roads	2021	2022	2027										
	Pre-qualification												
Inter-urban roads	Complete	2019	2022										
	Construction												
Inter-urban roads	Commenced	2017	2019										
Inter-urban roads	Tender Awarded	2019	2021					-					
Inter-urban roads	2021	2022	2025					L					
Inter-urban roads	Q1/2019	2020	2022										
Inter-urban roads	2021	2022	2023										
Inter-urban roads	Q3/19	2020	2021						l				
Inter-urban roads	2022	2023	2027										
Inter-urban roads	Construction Commenced	2015	2019										
Inter-urban roads	Construction Commenced	2016	2019										
Accessibility to the Northwest	Pre-qualification Complete	2019	2022										
Accessibility to the Northwest	In Progress	2019	2021										
Accessibility to the Northwest	Q2 2019	2018	2022										
Accessibility to the Northwest	Q2 2019	2018	2022										ļ
Accessibility to the Northwest	2020	2021	2023										
Accessibility to the Northwest	Jul-18	2019	2020										
Accessibility to the Northwest	2020	2021	2024								 ∎		

Pre-appraisal Projects

APPRAISAL PROJECTS - PIPELINE								
N4 Mullingar to Longford	N52 Tullamore to Kilbeggan							
N2 Clontibret to Border	N2 Ardee from south of Castleblaney							
N13 Ballybofey Stranorlar Bypass	N11 Bray to Kilmacanogue							
N13/ N14/ N56 4 Lane Road / Letterkenny/ ManorCunningham	M50 Dublin port south access							
N14 Manorcunningham to Lifford	N3 Virginia Bypass							
N25 Carraigtohill to Midleton	N4 Maynooth to leixlip							
N11 Oilgate to Rosslare	N4 Carrick on Shannon to Dromod							
N17 Collooney Knock	N2 Rath roundabout to Kilmoon Cross							
N24 Cahir to Limerick Junction	N3 Clonee to M50							
N21 Newcastle West Bypass	N24 Waterford to Cahir							
N21 Abbeyfeale Bypass	N22 Farranfore to Killarney							
N25 Waterford to Glenmore								

Other Funding Possibilities.

Rural Regeneration and Development Fund -€1bn Urban Regeneration and

Development Fund - €2bn

All large-scale projects included in the new National Development Plan should, therefore, continue to be assessed in terms of suitability for procurement by PPP and/or alternative financing, in particular projects which involve user charges or which offer the potential to generate significant third party income. Further details of the findings and recommendations of the PPP review are set out in chapter 6. It is very important to note that many of the Strategic Investment Priorities have benefits which, directly or indirectly, will accrue to all households and communities irrespective of their location that will support the achievement of several of the NSOs set out in the NPF. For example, investment in schools, the road network, ports and tourism will underpin the development of our cities and towns, regions and rural areas. However, to avoid repetition, the Strategic Investment Priorities are included in the National Development Plan under the NSO to which they primarily relate.



What the NDP means for us.

- Policy Context
- Identified Projects
- Majors schemes pipe line
- Steady state renewal
- Funding clarity

Thank You