

Contents

Part II Trend in MLIT Policies

| | |
|--|----|
| Chapter 1 Initiatives towards Restoration and Reconstruction from the Great East Japan Earthquake | 2 |
| Section 1 Current Status and Measures Towards Restoration and Reconstruction | 2 |
| Section 2 Steady Recovery and Reconstruction of Infrastructure and Transportation | 3 |
| Section 3 Promoting Post-Disaster Town Reconstruction and Securing Stability of Residency | 4 |
| Section 4 Securing Local Public Transportation and Promoting Tourism | 5 |
| Section 5 Ensuring the Smooth Execution of Reconstruction Projects | 6 |
| Section 6 Reconstruction and Revitalization of Fukushima | 7 |
| Section 7 Building Tsunami-resistant Communities by Learning from the Great East Japan Earthquake | 7 |
| | |
| Chapter 2 Deploying Land, Infrastructure, Transport and Tourism Administration Tailored to Urges of the Times | 8 |
| Section 1 Driving the Implementation of a National Land Policy Package | 8 |
| Section 2 Measures, etc., against Aging Social Infrastructures | 9 |
| Section 3 Driving the Social Infrastructure Development | 11 |
| Section 4 Promoting the Implementation of Transport Policy | 15 |
| 1 Developing Policies Based on the Basic Act on Transport Policy | 15 |
| 2 Reconstructing Local Public Transportation Networks | 16 |
| 3 Promotion of MaaS, a New Mobility Service | 17 |
| 4 Promotion of Comprehensive Logistics Policy | 18 |
| Section 5 Driving the Implementation of a Tourism Policy Package | 19 |
| 1 Steady Promotion of the “New Tourism Strategy to Invigorate the Japanese Economy” | 19 |
| Section 6 Driving the Implementation of Ocean Policy | 19 |
| 1 Steadily Driving the Basic Plan on Ocean Policy | 19 |
| 2 Protecting Our Country’s Interests in Maritime Rights and Interests | 21 |
| Section 7 Protecting Territorial Land and Territorial Waters Firmly | 24 |
| Section 8 Promoting Water Cycle Policy | 28 |
| 1 Developing Policies Based on the Basic Act on Water - Cycle Policy | 28 |
| 2 River Basin Management Promotion | 28 |
| Section 9 Promotion of Policies to Increase Bicycle Use | 29 |
| 1 Development of the Bicycle Use Promotion Plan Based on the Bicycle Use Promotion Act | 29 |
| 2 Creation of a Safe and Comfortable Environment for Bicycle Use | 30 |
| 3 Promotion of Cycling Tourism by Improving the Cycling Environment | 30 |
| Section 10 Efficient, Prioritized Deployment of Measures | 31 |
| 1 Promoting i-Construction: Improving Construction Site Productivity | 31 |
| 2 Assuring Public Works Quality and Securing and Developing Leaders | 32 |
| Section 11 Forming a New Phase of Relationships between the Central and Local Governments and Private Sectors | 34 |
| 1 Promoting Public-Private Partnerships, etc. .. | 34 |
| Section 12 Policy Evaluations, Project Evaluations, and Interactive Administration | 35 |
| 1 Driving Policy Evaluations | 35 |
| 2 Implementation of Project Evaluations | 35 |
| 3 Promoting Administrative Management Open to the Public, and Interactive Administration | 35 |
| Section 13 Approaches to Hosting Tokyo 2020 Olympic and Paralympic Games | 36 |

| | |
|--|----|
| Chapter 3 Realizing a World-Class Tourist Destination and Building a Beautiful Nation | 37 |
| Section 1 Trends in Tourism | 37 |
| 1 Significance of a Tourism Nation | 37 |
| 2 Tourism Situation | 37 |
| Section 2 Initiatives to Realize a World-Class Tourist Destination | 38 |
| 1 Enhancing the Appeal of Tourism Resources as a Cornerstone of Regional Revitalization | 38 |
| 2 Innovating the Tourism Industry to Boost its International Competitiveness and Develop It into a Core Industry | 43 |
| 3 Ensure All Visitors May Enjoy a Satisfying, Comfortable and Stress-free Sightseeing Experience | 45 |
| Section 3 Building a Beautiful Nation Blessed with Pleasing Landscapes, etc. | 49 |
| 1 Pleasing Landscape Formation | 49 |
| 2 Community Development Leveraging Nature and History | 50 |
| | |
| Chapter 4 Promoting Regional Revitalization | 52 |
| Section 1 Approaches to Regional Revitalization | 52 |
| Section 2 Promoting Measures Supporting Regional Revitalization | 53 |
| 1 Efforts Directed at Augmenting Regional and Private Self-reliance and Discretion | 53 |
| 2 General Endeavors to Build an Intensive Urban Structure | 54 |
| 3 Urban Planning and Infrastructures Development Taking Advantage of Regional Characteristics | 55 |
| 4 Self-Reliance and Revitalization of Wide-Area Blocks, and Formation of National Land | 60 |
| 5 Promoting Regional Partnerships and Interactions | 62 |
| 6 Securing Means of Regional Transport | 62 |
| Section 3 Promoting the Private Urban Development | 64 |
| 1 Promoting Urban Development by Private Sectors | 64 |
| 2 Approaching National Strategic Special Districts | 66 |
| Section 4 Promoting Localized Promotion Measures | 66 |
| 1 Measures Directed at Heavy-snowfall Areas | 66 |
| 2 Promoting Remote Islands Development | 66 |
| 3 Promoting and Developing the Amami Islands and Ogasawara Islands | 66 |
| 4 Promoting Peninsulas | 66 |
| Section 5 Promoting Comprehensive Development of Hokkaido | 67 |
| 1 Promotion of the Hokkaido Comprehensive Development Plan | 67 |
| 2 Promoting Distinctive Regions and Cultures | 69 |
| | |
| Chapter 5 Creating a Comfortable Living Space | 71 |
| Section 1 Realizing Affluent Residential Living | 71 |
| 1 Securing Stability of Residential Living and Advancing its Betterment | 71 |
| 2 Supply and Utilization of Good Housing Land | 75 |
| Section 2 Realizing Comfortable Living Environments | 76 |
| 1 Developing City Parks and Creating a Good Urban Environment | 76 |
| 2 Advancing Roads that Prioritize Pedestrians and Bicycle Riders | 77 |
| Section 3 Realizing Traffic with Enhanced Convenience | 78 |
| 4 Facilitating Traffic Access to Airports | 92 |
| Section 2 Implementing Comprehensive and Integrated Logistics Policies | 92 |
| | |
| Chapter 6 Building Competitive Economy and Society | 81 |
| Section 1 Developing Trunk Road Networks | 81 |
| 1 Developing Trunk Road Networks | 81 |
| 2 Constructing Arterial Railway Networks | 84 |
| 3 Constructing Aviation Networks | 86 |

| | | | | | |
|--|---|-----|-----------|--|------------|
| 1 | Implementing Logistic Policies to Correspond with Deepening Global Supply Chains | 92 | 5 | Trends in the Consigned Freight Forwarding Business and Measures | 108 |
| 2 | Measures Aimed at Building an Efficient and Sustainable Logistics System in Japan | 95 | 6 | Trends in the Warehousing Business and Measures | 109 |
| Section 3 | Reactivating Industries | 97 | 7 | Trends in the Truck Terminal Business and Measures | 109 |
| 1 | Trends in Railway Industries and Measures .. | 97 | 8 | Trends in the Real Estate Business and Measures | 109 |
| 2 | Trends in Motor Truck Transport Business and Measures | 99 | 9 | Building a Sustainable Construction Industry | 112 |
| 3 | Trends in Maritime Industries and Measures | 102 | | | |
| 4 | Trends in Air Transport Business and Measures | 108 | | | |
| | | | | | |
| Chapter 7 Building a Safe and Comfortable Society | | | | | 115 |
| Section 1 | Realizing a Universal Society | 115 | 1 | Building and Improving the Safety Management System in the Transportation Business | 155 |
| 1 | Realizing Accessibility through a Universal Design Concept | 115 | 2 | Railway Transportation Safety Measures .. | 156 |
| 2 | Creating an Environment that Supports Child-rearing Under an Low Birthrate Society .. | 117 | 3 | Safety Measures for Maritime Traffic | 158 |
| 3 | Ageing Society Measures | 118 | 4 | Air Traffic Safety Measures | 162 |
| 4 | Promotion of the Dissemination of Pedestrian Mobility Support | 118 | 5 | Finding the Causes of Aircraft, Railway, and Marine Accidents/Incidents, and Preventing Recurrence | 164 |
| Section 2 | Natural Disaster Measures | 119 | 6 | Support for Victims and Families of Public Transport Accidents | 165 |
| 1 | Shifting to a Society with Higher Disaster Prevention Awareness | 119 | 7 | Safety Measures for Road Traffic | 165 |
| 2 | Shaping National Land that is Safe and Resilient to Disasters and Enhancing and Strengthening the Framework of Preparedness for Crisis Management | 126 | Section 5 | Crisis Management and Security Measures | 172 |
| 3 | Secure Transportation Systems Resistant to Disasters | 150 | 1 | Promoting Crime and Terrorism Countermeasures | 172 |
| Section 3 | Ensuring the Safety of Architecture | 154 | 2 | Establishing a Response System for Accident Disasters | 176 |
| Section 4 | Strengthening Safety Measures in the Transport Sector | 155 | 3 | Ensuring Public Safety at Sea | 177 |
| | | | 4 | National Security and Protecting Citizens' Lives and Assets | 179 |
| | | | 5 | Infectious Disease Measures | 180 |
| | | | | | |
| Chapter 8 Creating and Preserving a Beautiful and Healthy Environment | | | | | 181 |
| Section 1 | Promoting Global Warming Countermeasures | 181 | Section 2 | Promoting the Creation of a Recycling Society | 188 |
| 1 | Implementing Global Warming Countermeasures | 181 | 1 | Advancing Recycling in Construction | 188 |
| 2 | Promoting Global Warming Countermeasures (Mitigation Measures) | 182 | 2 | Constructing a Logistics System for Recyclable Resources | 190 |
| 3 | Promotion of the Use of Renewable Energy | 186 | 3 | Recycling Vehicles and Marine Vessels | 191 |
| 4 | Promotion of Global Warming Countermeasures (Adaptation Measures) | 188 | 4 | Efforts in Green Procurement | 191 |
| | | | 5 | Promoting the Use of Wooden Materials .. | 192 |

| | | | | | |
|-----------|--|-----|-----------|---|-----|
| Section 3 | National Land Development That Revives and Preserves the Natural Environment | 192 | Section 5 | Protecting the Marine Environment | 205 |
| 1 | Initiatives for Biodiversity Conservation | 192 | Section 6 | Improving Living Environments by Preventing Atmospheric and Noise Pollution | 207 |
| 2 | Creating Rich and Beautiful River Environments | 192 | 1 | Policies for Environmental Issues Related to Road Traffic | 207 |
| 3 | Preserving and Improving Coastal Environments | 194 | 2 | Environmental Measures for Airports and Surrounding Areas | 208 |
| 4 | Greening Port and Harbor Administration | 194 | 3 | Countermeasures for Railway Noise | 208 |
| 5 | Greening Roads and Promoting Natural Environmental Measures | 196 | 4 | Countermeasures for Urban Heat Islands | 208 |
| Section 4 | Maintenance and Restoration of Sound Water Cycles | 196 | 5 | Countermeasures for Sick Building Issue and Soil Contamination | 209 |
| 1 | Aiming to Maintain a Society in which the Benefits of Water Can Be Savored for a Long Time to Come | 196 | 6 | Environmental Measures in Construction | 210 |
| 2 | Initiatives in Improving the Water Environment | 197 | Section 7 | Observing, Monitoring, and Forecasting Changes in the Global Environment | 210 |
| 3 | Cultivating Water and Using It Efficiently | 198 | 1 | Observing and Monitoring Climate Change | 210 |
| 4 | Realizing Amenity by Promoting Improvements to Sanitary Drainage | 201 | 2 | Research of and Predictions of the Global Environment | 212 |
| | | | 3 | Promoting Global Geodetic Observation | 213 |

| | | | | | |
|------------------|--|------------|-----------|--|-----|
| Chapter 9 | Strengthening Strategic International Development and International Contributions | 214 | 2 | Contributions to and the Strategic Use of International Organizations | 227 |
| Section 1 | Promoting the Overseas Development of Infrastructure Systems | 214 | 3 | Multilateral and Bilateral International Negotiations and Collaborative Initiatives in Different Sectors | 230 |
| 1 | General Government Policy | 214 | Section 3 | Initiatives for International Standardization | 234 |
| 2 | Initiatives at the Ministry of Land, Infrastructure, Transport and Tourism | 214 | | | |
| Section 2 | Promotion of International Cooperation and Negotiations | 226 | | | |
| 1 | Initiatives in the Field of Economic Partnerships | 226 | | | |

| | | | | | |
|-------------------|---|------------|-----------|---|-----|
| Chapter 10 | Utilizing ICT and Promoting Technology Research and Development | 237 | 8 | The Use of Big Data | 244 |
| Section 1 | Promoting Innovation in the Fields of Land, Infrastructure, Transport, and Tourism Through the Use of ICT | 237 | 9 | Efforts for Increasing Productivity in Business Utilizing Meteorological Data | 245 |
| 1 | Promoting ITS | 237 | 10 | Promotion of Smart Cities | 245 |
| 2 | Realizing Autonomous Driving | 239 | Section 2 | Promoting Technological Research and Development | 246 |
| 3 | Realizing a Society that Utilizes Geospatial Information in an Advanced Manner | 240 | 1 | The Position of Technological Research and Development in Technology Policies and Comprehensive Promotion | 246 |
| 4 | Realizing an Electronic Government | 242 | 2 | Promoting the Utilization and Adoption of New Technology for Public Works | 248 |
| 5 | Development and Opening of Optical Fiber for the Management of Public Facilities and Its Housing Space | 242 | Section 3 | Improving Construction Management Technology | 248 |
| 6 | Sophisticated Water Management and Water Disaster Prevention Utilizing ICT | 243 | | | |
| 7 | Promoting Open Data | 243 | | | |

| | | |
|---|---|-----|
| 1 | Improving Costing Technology for Public Works | 248 |
| 2 | BIM and CIM Initiatives | 249 |

| | | |
|-----------|--|-----|
| Section 4 | Technology Development for Construction Machinery and Mechanical Equipment | 249 |
|-----------|--|-----|

Column

| | | |
|---|--|-----|
| ■ | Promotion of the Infrastructure Future Map Project: Release of Kamaishi City, Iwate Prefecture Edition - Infrastructure Future Map Kamaishi (Trial Edition) | 13 |
| ■ | Aiming to Maximize Stock Effects | 14 |
| ■ | Launch of MDA Situational Indication Linkages (Umishiru) | 23 |
| ■ | Dealing strictly with North Korean fishing boats approaching the sea around Yamato Bank | 26 |
| ■ | Promotion of Tourism and Regional Development through Infrastructure Tourism | 39 |
| ■ | Reconstruction Support for Disaster-Stricken Tourist Areas (Disasters in 2018) | 41 |
| ■ | Ensuring Safety and Security for International Visitors during Emergencies | 42 |
| ■ | “Upopoy” to Open April 2020 ! | 70 |
| ■ | Committee for Examining Methods for Conveying Disaster Prevention Weather Information | 121 |
| ■ | New Initiatives for Efficient High-Standard Levee Promotion | 127 |
| ■ | Productivity Innovation Project: dam upgrading under operation – Early Upgrading of Water Utilization and Flood Control Capacities to Support Local Economies – | 128 |
| ■ | Enhancing Warning and Evacuation Systems to Secure Effective Evacuations | 135 |
| ■ | Preliminary Preparations for Post-disaster Town Reconstruction – Guidelines on Preliminary Preparations for Post-disaster Town Reconstruction – | 140 |
| ■ | Effects of Expansion of Expressways to Four Lanes | 150 |
| ■ | Initiatives for the restoration of railways in light of the increased frequency and severity of disasters | 153 |
| ■ | Initiatives to prevent recurrence based on the collision of a tanker with the Kansai International Airport Communication Bridge | 161 |
| ■ | The Parade for the 70th Anniversary of the Establishment of the Coast Guard System and General Training and the Ceremony for the 70th Anniversary of the Establishment of the Coast Guard System | 178 |
| ■ | Enhancement of Water Shortage Response during the Tokyo 2020 Olympic and Paralympic Games | 199 |
| ■ | Toward Accepting Disposable Diapers in Sewers | 204 |
| ■ | Marine Environment Conservation Promotion Activities | 206 |
| ■ | Vigorous Promotion of Top Sales | 215 |
| ■ | Establishment and Inaugural Meeting of the Japan-Cambodia Urban Development and Real Estate Development Platform | 223 |
| ■ | Airborne Gravity Surveys Make a Drastic Change to Elevation System! | 241 |

※ Maps used in this white paper may not necessarily indicate Japanese territory comprehensively.