Grants

Revitalizing the economy and region; ensuring safety and security

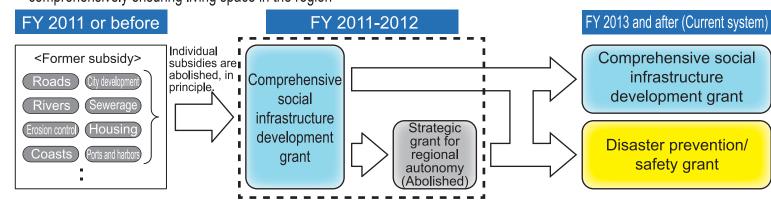
Comprehensive social infrastructure development grant and Disaster prevention/safety grant

■ Comprehensive social infrastructure development grant

• Established in FY2010 as a comprehensive grant by incorporating subsidies given to local governments under the jurisdiction of the Ministry of Land, Infrastructure and Transport so that local governments can use it more flexibly and freely

■ Disaster prevention/safety grant

• Established by FY 2012 supplementary budget to intensively support the measures against aging of facilities for protecting lives and livelihoods of local residents, the measures for preventing/reducing disaster, and the measures for comprehensively ensuring living space in the region



Features of both grants (Differences from individual subsidy)

- ♦ Administrative procedures which were individually performed per project were unified and standardized.
- ♦ Local governments can use national funds within the range of projects positioned as city development plans
- Project of further enhancing the effect of social infrastructure development which serves as the core of city development plan can be performed by making use of the local government's ingenuity.

■ Introduction of major grant projects (related to urban/housing matters)

① Intensive support for comprehensive prevention/reduction of disaster, the measures against aging of infrastructure, etc. in the region

From the viewpoint of promoting the safety/security of citizens through the measures to strengthen the national land, etc., intensive support will be given to the comprehensive disaster prevention/reduction against wind, flood and landslide, large-scale earthquakes/tsunamis which frequently occur, the comprehensive development plan to urgently respond to aging of infrastructure based on infrastructural life prolongation



Development of the tsunami evacuation facility (Mihama town, Wakayama prefecture)



Aseismatic repair of housing (Osaka Prefectural housing)



■ Development of emergency evacuation route (Takaishi City)

② Formation of vigorous regions, development of living environment where residents can manage affluent life, and comprehensive social infrastructure development for enhancing competitiveness

From the viewpoint of promoting the revitalization of the economy and region, intensive support will be given to the comprehensive development for which various private and public sectors are involved by utilizing PPP and PFI, etc., or private investment is encouraged, such as development of growth foundation strengthening urban and regional competitiveness, promotion of "compact + network," development of affluent living environments and strengthening of efforts for tourism and industry.





■ Concentration of city functions such as medical institutions and community facilities





■ Continuous overhead crossing railway project (Osaka City)

Plans

Exchange base with other Asian countries based on history and innovation in order to realize a comfortable and affluent life

Kansai Regional Plan

Kansai Regional Plan

Kansai Regional Plan (Kinki Regional Plan based on Article 9 of the National Spatial Planning Act) is a 10 years plan applicable to 6 prefectures in the Kinki region. The plan is established as a strategic vision to continuously produce growth potential by making the most of Kansai's accumulated experiences and various potentials, while responding to a population declining society, large-scale disasters including the imminent Nankai Trough Earthquake, and other issues.

Current situation and issues surrounding Kansai

- The advent of full-scale declining population and acceleration of aging
- Panid increases in forcion tourists
- O Keihanshin (Kyoto, Osaka and Kobe) metropolitan region that cannot make use of its potential
- Decline in vitality of rural cities and in function of agricultural and mountainous fishing villages
- O Risk of natural disasters threatening Kansai
- Aging of social infrastructure
 Major change in social trend involving Kansai

Ideal situation and strategy of Kansai

- 1 Sphere serving as Asia's gateway and becoming Japan's growth engine
- 3 Sphere where people can live comfortably, affluently and vigorously
- 4 Sohere of safety and security resistant to disasters which protect citizen's daily life and industries
- 5 A sustainable globally and environmentally developed sphere where people and nature can coex

History July, 2008 Establishmer Start to establish new national of National Change in patial plan and regional plan Spatial situation January, 2015 Planning surrounding nterim report of national (Nation-wide Establishme Plan) of Grand spatial plan (Nation-wide plan) Design of August, 200 National Establishment of nationa Spatia patial plan (Nation-wide plan) Kinki evelopme) toward 2050 Regional stablishment of Kansai Plan Regional Plan

Major Projects

- Kansai gateway + Network project
- 2 Kansai growth engine project3 History, culture and hospitality project
- 4 Keihanshin brilliant city development project
- 5 Local city vitality-up project
- 6 Vigorous project for agricultural and mountainous fishing villages
- Cooperation project for strengthening Kansai and disaster preverses Environmental symbiosis project

Effective promotion of plan

In order to steadily implement the plan, intensive and effective investment of national infrastructure based on regional characteristics is important. Accordingly, the plan shall be effectively and efficiently implemented by checking, evaluating and reviewing the progress of the project in close collaboration with various entities regarding the regional plan of cooperation/partnership/neighboring sphere.

New approaches

"i-Construction"

Productivity of each worker at construction site shall be improved, the business environment of the company shall be improved and the wage level of people working at construction site shall be increased and safety shall be ensured.

Current situation of productivity at construction site

- Lowered productivity with surplus labor force as background
- Productivity is not improved at construction sites of earthworks etc.
- There are still many labor accidents at construction site.
- <u>Labor shortage</u> is expected due to aging of population.

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What to Focus On

- ☐ Improve business environment of company by increasing productivity of each worker.
- ☐ Make construction site more attractive by increasing the wage level of people working at construction site.
- ☐ Aim at Zero fatal accident at construction site.
- ☐ Aim at "salary, vacation, hope," instead of "tight, dangerous, dirty"

Approaches

☐ Full usage of ICT technologies

- ① Three-dimensional measurement using UAV
- Design/construction plan based on three-dimensional dat
 Construction using ICT construction machine
- Energy saving of inspection

☐ Standardization

Improvement in cast-in-place efficiency
 Advancement of pre-casting

☐ Equalization of construction period

Flexible application of starting period of construction
 Spread and expansion to local governments

Kinki Regional Development Bureau's PLUS1) ☐ Facilitation of construction work owing to communication between orderer and order recei

Strengthening of system of Kinki Regional Development Bureau

Strengthening of system to promote i-Construction

- Si-Construction Promotion Headquarters [Chairman-, Director- and Chief-level meeting]
- i-Construction Promotion Secretariat [Official-level meeting of Secretary-General and Head of Planning Dept.] (Established on February 15, 2016)
- ♦ Kinki region i-Construction Promotion Liaison and Adjustment meeting (Established on March 22, 2016)
- On-site tour was held for corporate managers. (On March 25, 2016)