10.27.2015 5th International Forum on the "FutureCity" Initiative (Break-out Session)



Spreading Toyama's FutureCity Projects Globally Masashi Mori, Mayor of Toyama City

## Tabanan Regency, Bali, Indonesia – Realization of Sustainable Energy



To solve problems such as power shortages and the decline of the agricultural industry, we plan to spread Toyama's Farming Village Revitalization Model globally, adapting the "micro hydroelectric power generation using agricultural water" and "agriculture (rice paddies) related technology" projects that took advantage of the Toyama region's assets.



Aiming to Become a Sustainable City that Creates Added Value Overflowing with Social Capital

## Tabanan, Bali, Indonesia – Realization of Sustainable Energy



With the project's adoption as a JICA Project to Support Developing Countries Utilizing Japanese SME Technologies (ODA Project Formulation Survey Project), with eventual adoption as an ODA project in mind, surveys will be conducted with the aim realizing the project.



#### **Project Details**

Install micro hydroelectric power generation systems in the canals servicing rice paddies in the Tabanan Regency of Bali, Indonesia, to promote access to electricity in areas without electricity, and to boost power supply in areas that already have electricity, with the aim of improving the lives of people in the community.





#### Iskandar, Johor, Malaysia – Collaboration Between GEEAP Cities



Toyama recently signed a Memorandum of Understanding with the Iskandar Regional Development Authority in Malaysia to implement FutureCity Initiative projects, such as micro hydroelectric power generation and public transport, in the region, which, along with Toyama, was selected as a partnership city for the Global Energy Efficiency Accelerator Program (GEEAP), part of the United Nations' Sustainable Energy for All (SE4All) initiative.



By disseminating Toyama's FutureCity projects to this region, we will assist in the improvement of energy efficiency and city planning that takes the environment into account

FUTURE CITY TOYAMA

#### Mogi das Cruzes, São Paulo, Brazil - Provision of Waste Processing Technology



Waste separation and recycling in the Brazilian city of Mogi das Cruzes is inadequate, so Toyama is taking advantage of a JICA program to extend Toyama's waste processing technology and personnel exchanges to help solve the environmental challenges facing Mogi.



• Mogi's recycling rate increased seven-fold increase in two years from 0.6% (2012) to 4% (2014) • Environmental education programs conducted in 60% of Mogi's schools





Promote industries that take advantage of the regional assets for the revitalization of each other's regions

# **Build a Sustainable Society** by revamping the appeal of the region and conveying that appeal to the world