

‘Nunobiki Plateau Wind Farm’: boasting 33 wind turbines with the height of roughly 100 meters, one of the largest scale wind farms in Japan



# Greetings from Koriyama City



-Toward a future-oriented and mutually-beneficial  
relationship between the cities of Essen and Koriyama-

**Business Creation Division  
City of Koriyama, JAPAN**



City of Koriyama, Fukushima Prefecture JAPAN

# Geographical Features of Koriyama City

## -Two Cities of Essen and Koriyama-

- ✓ 2<sup>nd</sup> most populous in Fukushima Prefecture and 3<sup>rd</sup> most populous in Tohoku Region
- ✓ 'Economic Capital City in Fukushima Prefecture', boasting its biggest retail sales and largest number of retail businesses in the prefecture
- ✓ Largest number of agricultural households in Fukushima Prefecture, boasting biggest rice production in the prefecture

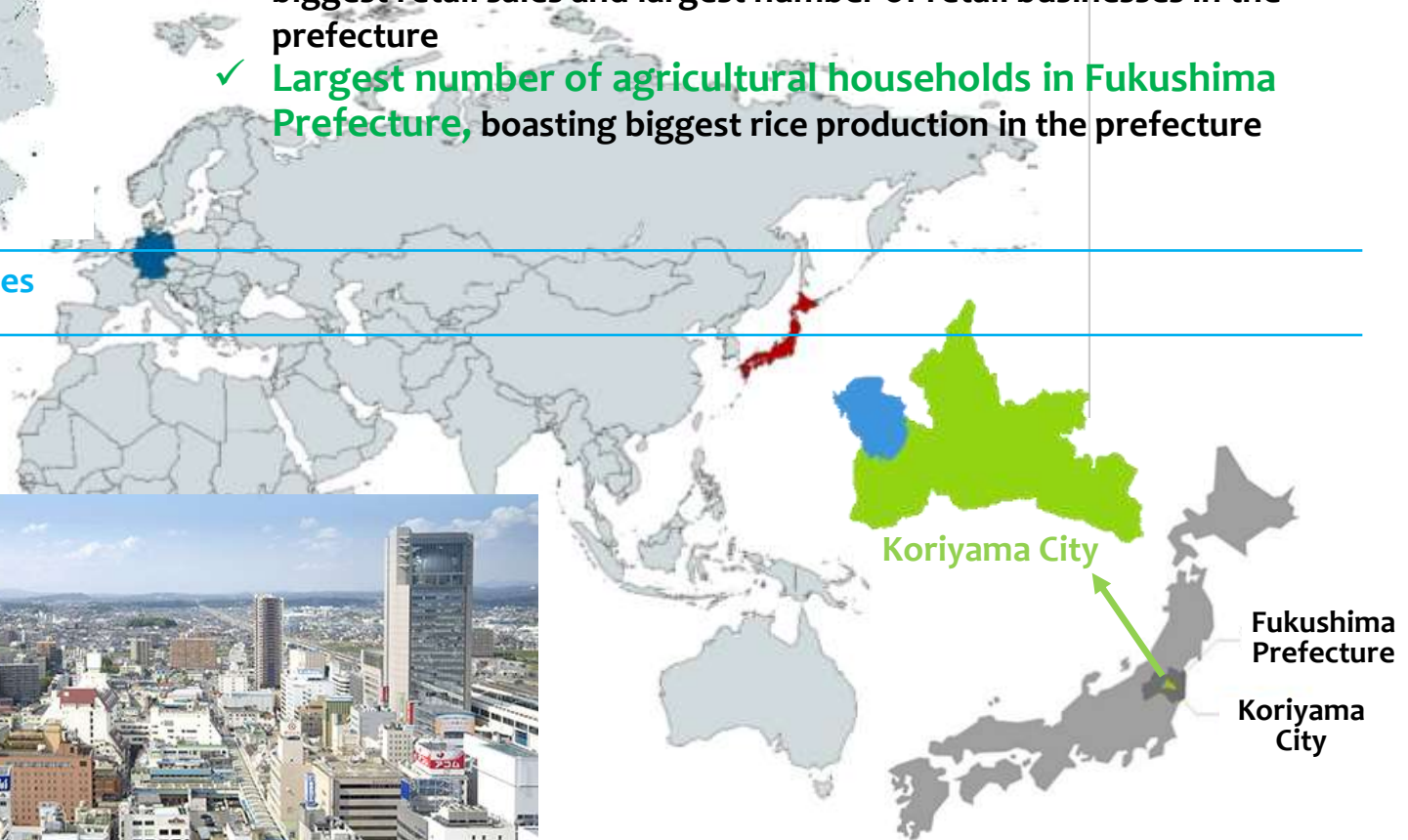


51 Degrees

37 Degrees



Central urban area of Koriyama City (the west exit of Koriyama Station)







# History of the Development of Koriyama City -Transition from a city of power generation to city of renewable energy and medical devices-



Oyasuba Burial Mound, built in the early Kofun Period (250 AD-538 AD)



Numagami Hydroelectric Power Station, laid the foundation of Koriyama's development

**5.** Great East Japan Earthquake and Nuclear Accident at Fukushima Daiichi Nuclear Power Station in 2011



Building with its first floor collapsed due to the fierce earthquake

**4.** People gathered, schools and banks established, railroaded to become the center of Fukushima Prefecture



Fukushima Renewable Energy Institute, AIST (FREIA) opened in April 2014

**6.** Restoration from the disasters, promoting renewable energy and medical device development



Fukushima Medical Device Development Support Center (FMDDSC) opened in November 2016

**3.** New industry revolution, cotton and chemical industries flourished by hydro electric power generation, Hodogaya Chemical Co., LTD. and Nitto Boseki Co., LTD.

**2.** Modernization by Asaka Canal and Asaka Land Development (1882), paddy rice, silk and carp cultivation flourished

**1.** Post Station at Oshu Kaido [Edo Period (1603-1868)]



# Progress on Building Relationships of Cooperation

-Between the Cities of Essen (State of North Rhine-Westphalia (NRW)) and Koriyama (Fukushima Prefecture)-

## 【FY2014】

- MOUs in the fields of Renewable Energy and Medical Device Industry between the State of North Rhine-Westphalia (NRW) and Fukushima Prefecture
- Collaboration on Boron Neutron Capture Therapy (BNCT) between the medical institution in Koriyama City and University Hospital Essen, University of Duisburg-Essen

## 【FY2016】

- Visit to Essen by Kensuke Yoshizaki, Deputy Mayor of Koriyama City, in cooperation with Fukushima Prefecture (Feb 8-11, 2017)





# Progress on Building Relationships of Cooperation

**-Between the Cities of Essen (State of North Rhine-Westphalia (NRW)) and Koriyama (Fukushima Prefecture)-**

【FY2017①】

- Visit to Essen by Masato Shinagawa, Mayor of Koriyama City, in cooperation with Fukushima Prefecture (Aug 26-31, 2017)
- Selected as one of the partner cities between EU and Japan on the International Urban Cooperation Project Sponsored by EU (Nov 6, 2017)
- Participated in the 1<sup>st</sup> EU-Japan Cities Exchange Meeting (Nov 8-13, 2017) (Brussels in Belgium)





# Progress on Building Relationships of Cooperation

-Between the Cities of Essen (State of North Rhine-Westphalia (NRW)) and Koriyama (Fukushima Prefecture)-

【FY2017②】

- Concluding the MOU on International Urban Cooperation (Dec 1 2017) in the fields of Renewable Energy and Medical Device Industry
- The Hon. Mr. Thomas Kufen, Lord Mayor of Essen City visited the Koriyama City Assembly and Koriyama City (Dec 1-2 2017)



Koriyama City Assembly



Fukushima Medical Device Development Support Centre (FMDDSC)



Fukushima Renewable Energy Institute, AIST (FREIA)



Big Palette Fukushima





# Collaboration between the Cities of Essen and Koriyama -visit by the Delegation of Essen to Koriyama on the IUC Project sponsored by EU (Apr 2018)-

- Delegation of the EU to Japan (Minato-ku, Tokyo) (Apr 23 2018 )  
Participated in the 2<sup>nd</sup> EU-Japan Cities Exchange Meeting





# Collaboration between the Cities of Essen and Koriyama -visit by the Delegation of Essen to Koriyama on the IUC Project sponsored by EU (Apr 2018)-

## ➤ Visit to Koriyama by the Delegation of Essen and exchange program on the IUC project sponsored by EU (24-26 Apr 2018)

Visit to and exchange views with research institutes, industrial promotion organizations and academic institutes, organize the joint seminar and hold the networking reception, and courtesy visit to Vice Governor of Fukushima Prefecture

### 1. Courtesy visit to Mayor of Koriyama City and Koriyama City Assembly (Apr 24 2018)







# Collaboration between the Cities of Essen and Koriyama -visit by the Delegation of Essen to Koriyama on the IUC Project sponsored by EU (Apr 2018)-

2. Visit and exchange views with the College of Engineering, Nihon University  
(Renewable Energy and Medical Device Industry) (Apr 24 2018)



3. Joint Seminar (College of Engineering, Nihon University) (Apr 24 2018)



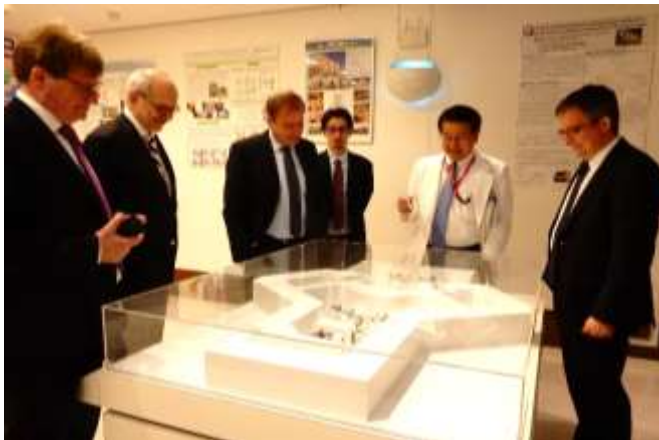


# Collaboration between the Cities of Essen and Koriyama -visit by the Delegation of Essen to Koriyama on the IUC Project sponsored by EU (Apr 2018)-

## 4. Visit to Fukushima Medical Device Development Support Centre (FMDDSC) (Apr 25 2018)



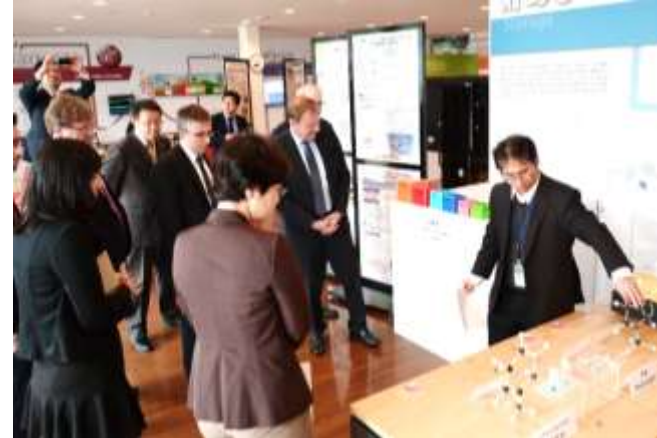
## 5. Visit to BNCT Research Center at Southern Tohoku General Hospital (Apr 25 2018)





# Collaboration between the Cities of Essen and Koriyama -visit by the Delegation of Essen to Koriyama on the IUC Project sponsored by EU (Apr 2018)-

6. Visit to and exchange views with Fukushima Renewable Energy Institute,  
AIST (FREIA) (Apr 25 2018)



7. Visit to and exchange views with Energy Agency. Fukushima (Apr 25 2018)







# Collaboration between the Cities of Essen and Koriyama -visit by the Delegation of Essen to Koriyama on the IUC Project sponsored by EU (Apr 2018)-

## 8. Visit to and exchange views with Fukushima Technology Centre (Apr 25 2018)



## 9. Visit to and exchange views with Ohu University (Apr 26 2018)





# Collaboration between the Cities of Essen and Koriyama -visit by the Delegation of Essen to Koriyama on the IUC Project sponsored by EU (Apr 2018)-

## 10. Courtesy Visit to Vice Governor of Fukushima Prefecture (Apr 26 2018)



## 11. Visit to and meeting at Fureai Science Park (Apr 26 2018)





# Collaboration between the Cities of Essen and Koriyama -visit to Brussels, Belgium on the IUC Project sponsored by EU in Oct 2018 (planned)-

## ➤ Attend the exchange meetings on International Urban Cooperation (IUC) program sponsored by EU

### ① '2<sup>nd</sup> City-to-City Event'

Attend the exchange meeting of the IUC city-to-city cooperation pairings in the world in Brussels, Belgium (planned)

### ② '3<sup>rd</sup> Exchange Meeting of the EU and Japanese Cities'

Attend the exchange meeting held in conjunction with '2<sup>nd</sup> City-to-City Event' (planned)

'2<sup>nd</sup> Exchange Meeting of the EU and Japanese Cities' ➡  
(Apr 23 2018)  
at Delegation of the European Union to Japan  
(Tokyo)







# Collaboration between the Cities of Essen and Koriyama -visit to Essen on the IUC Project sponsored by EU in Nov 2018 (planned)-

## ➤ Visit to Essen in cooperation with the Industrial Circle in Koriyama City (planned)

Based on International Urban Cooperation (IUC) program and the MOU on international cooperation between the cities of Essen and Koriyama, the delegation of Koriyama visits to Essen City to foster further cooperation and exchange on renewable energy and medical device industry in Nov 2018.



↑ Visit to the State of NRW in cooperation with Fukushima Prefecture (Aug 26-31, 2017)



# Planned Activities (Potential Collaboration)

-Toward a future-oriented and mutually-beneficial relationship-

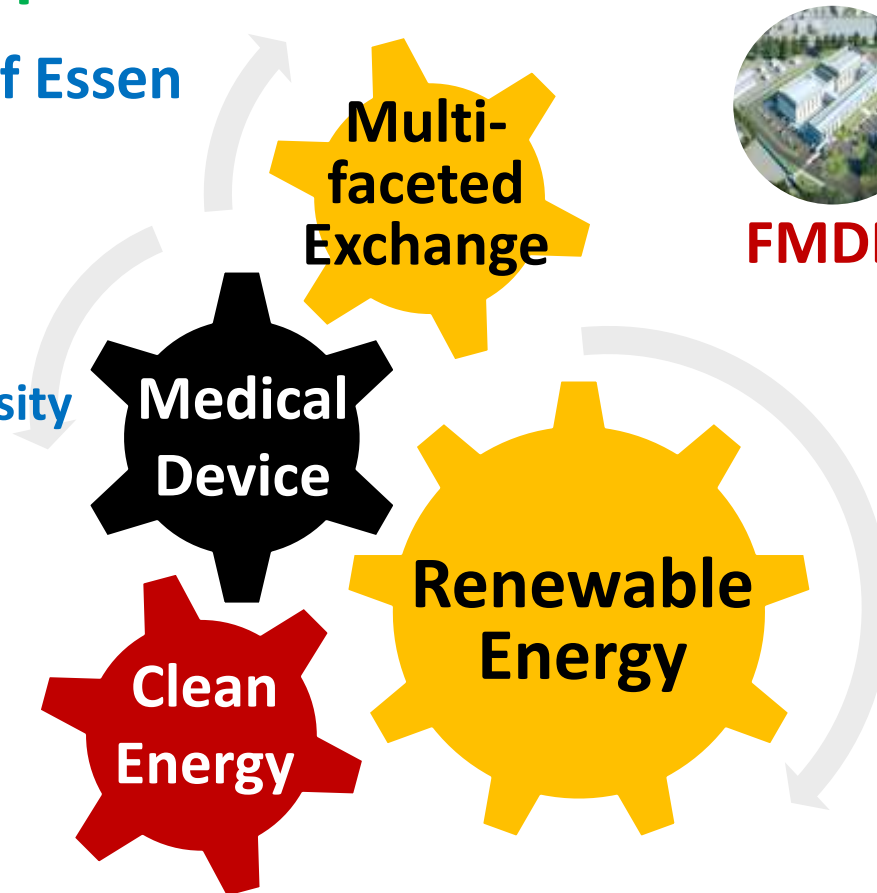
Industrial Circle of Essen



Hospital at the University of Duisburg-Essen



City of Essen



FMDDSC

Industrial Circle of Koriyama



FREA



Medical Institutes



City of Koriyama

*Thank you for your attention!*