

Ono city

Sharing our gratitude to Water around the world

「水への恩返し Carrying Water Project」

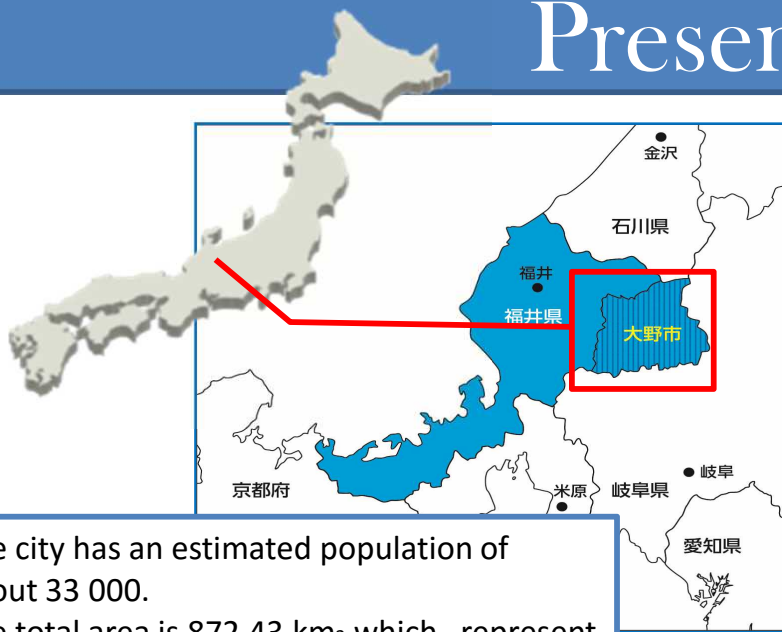


水の巡りに感謝するまち。
水の箱庭、越前おおの。



水への恩返し
Carrying Water Project

Presentation of Ono city



The city has an estimated population of about 33 000.

The total area is 872,43 km² which represent 20% of Fukui prefecture (87 % of the territory is covered by forest)

● It was known that there were lots of springs water all over the city, therefore there must have been a rich supply of ground water.

● Approximately 440 years ago, a samurai indebted to Oda Nobunaga, Kanamori Nagachika build a castle town based on the Kyoto city. He planed an irrigation system for the city and designed it so that the water naturally flowed from the south of the city to the north just as the Hongan Shôzu. The sub-division of the city still exists today (See the picture below with the red lines).



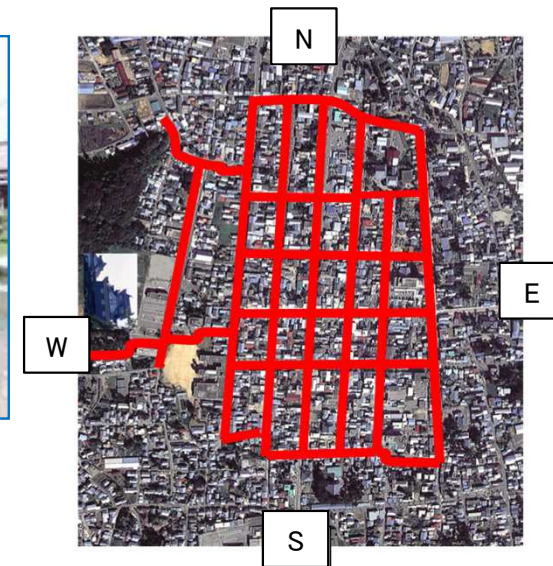
“Castle in the Sky”
Echizen Ono Castle



“Ono-maru ship”
Creation of Ono domain during the Bakumatsu period.
The ship was trading as far as Karafuto (Sakhaline) Island.
It contributed to helping the economic situation of Ono domain.



“Hongan Shôzu spring water”
There are many springs in the center area of the city. The water has a pure and simple taste.

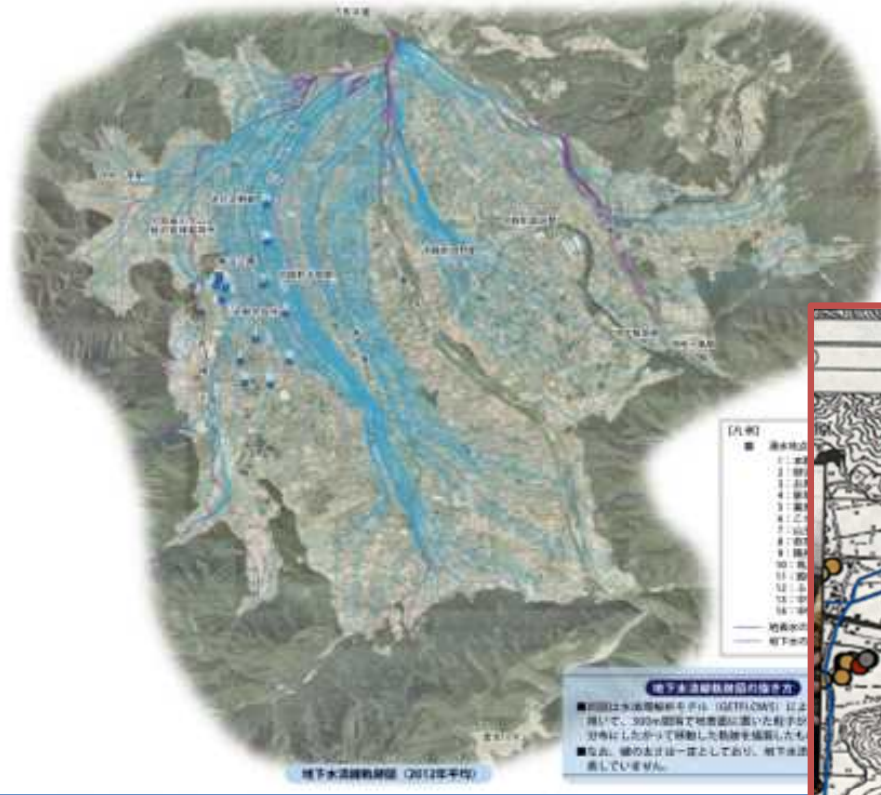


At the foot of Ono Castle, a grid of 6 streets in the east and west still remains since 440 years ago.

Ono and Water: #1 A city blessed by a privileged environment rich in springs water

The flow of under ground water in Ono city

水循環解析モデルによる大野盆地の地下水の流れ



Ono is not only rich in grounds water, but the city is self-sufficient by managing the natural water circle.

>>> Water is a part of each citizen's everyday life and is necessary for the city to succeed in developing it's own culture and lifestyle.

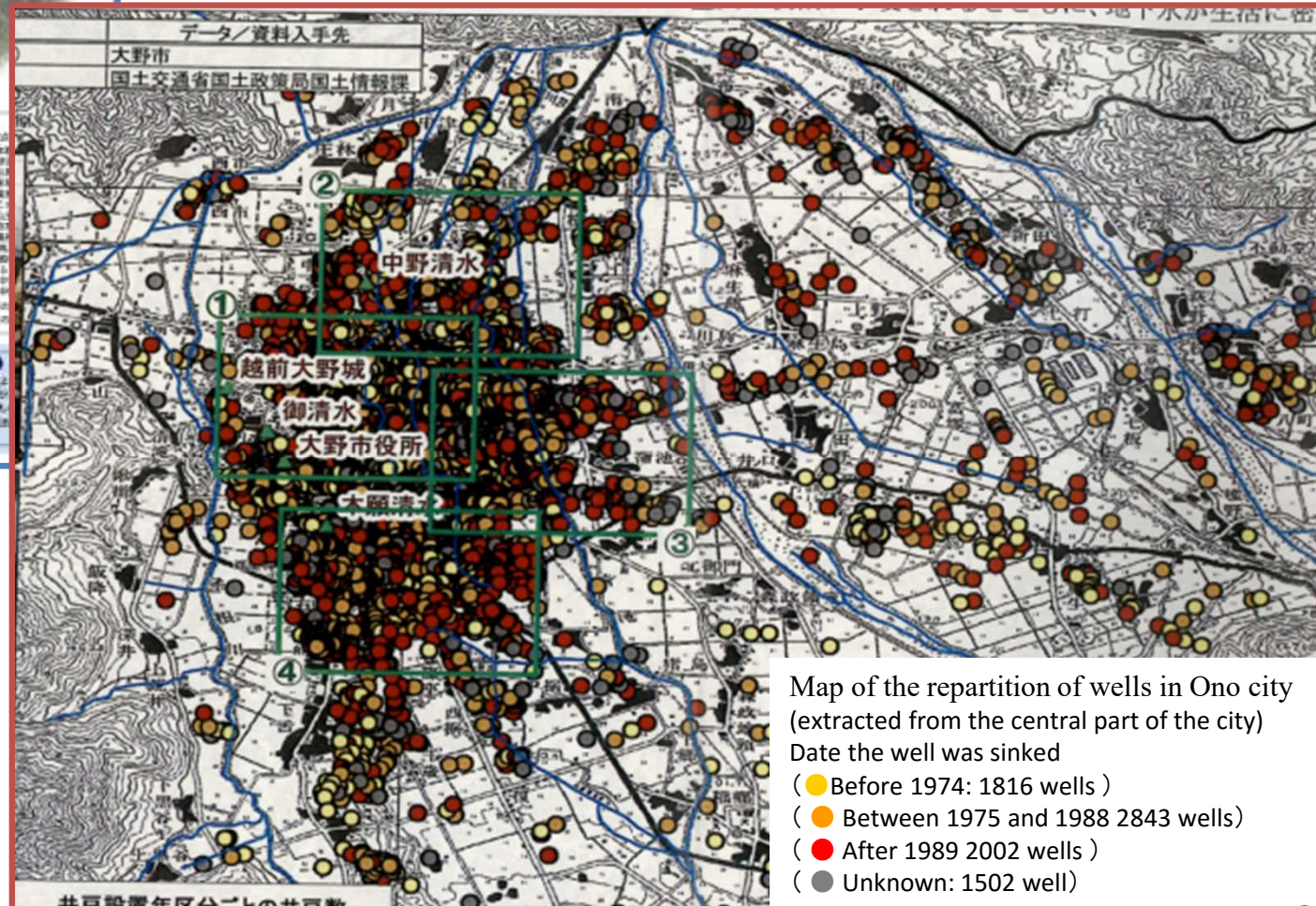
>>> The city attracts academics and industries for water resources and environment. (Ministry of Land, Infrastructure,Transport and Tourism/ Universities)

70% of households possess a well (a total of 8163 wells)

Even now, wells are being sunk in new building plots.

For most families it is normal to draw water from ground water and use it as a well for running water.

(This is a unique case in Japan for a city)



Map of the repartition of wells in Ono city
(extracted from the central part of the city)

Date the well was sunk

- (● Before 1974: 1816 wells)
- (● Between 1975 and 1988 2843 wells)
- (● After 1989 2002 wells)
- (● Unknown: 1502 well)

Ono and Water:#2 The story of a city suffering a few times severe drought

Oshôzu spring water ups and downs



Oshôzu was selected by the Ministry of the Environment.
The most delicious and well-preserved water source in Japan.



The years 1955

The years 1975

Currently

From the 60's to the 70's, during snowfall the wells were drying up

For restoration the citizens joined together and undertook a global venture.

- >Set up a deliberative assembly for Ono ground water's politics (1973)
- >Start of citizens daily control of ground water level (1976)
- >Establishment of a bylaw for Ono's ground water protection (1977)
- >Carry out watering paddy fields during the winter seasons (1978)
- >Purchase 196ha beechwood natural area (1996)
- >Constitution of investment funds for ground water protection (2000)
- >Hold global inquiry about Ono's ground water (2001—2002)
- >Setting an action plan
for Ono' ground water protection and management (2005)
- >Setting a project for the rehabilitation
of Echizen Ono's spring water culture (2011)
- >Establishment of bylaws for Ono's forest and water protection (2012)
- >Certification of the well-preserved water environment of Ono city (2015)



It's so normal.>>>Full of gratitude

Oshôzu and Honganshôzu the two water springs were selected by the Ministry on the Environment as one of the most delicious and well-preserved water sources in Japan.

Ono city was selected by the Ministry of Land, Infrastructure, Transport and Tourism as a water town (1996).

Ono received an award for preserving the water environment from the minister of the Environment (2013).



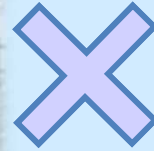
What is the Carrying Water Project?



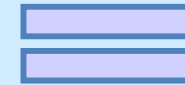
#1, A city blessed by a privileged environment rich in springs water



#2, The story of a city that suffered a few droughts



#3, Ono's heritage "Yui" way of thinking



Well known in the past for being rich in spring water and for overcoming droughts during the Post war Economic Growth, we are taking advantage of good quality water. Ono carries out this project. This project is based on the "Yui" tradition, a way of thinking which links people and earth, and refer to mutual aid between citizens. Carrying Water Project intends to contribute to people's happiness and to the future of our planet by sharing with the world this gratitude to water.

Ono is not only a water town because of its spring waters.
Ono is going in a new direction, trying to use water
to take remedial actions to face the depopulation crisis.

The framework of the Carrying Water Project

① Solidarity-based cooperation in Timor-Leste

(Awaken citizen's conscience, Confidence and Pride)



この水の問題を解いたきみは
ノーベル賞を
とるかもしれない！



水のがらこ

② Water school

*Guess what ! If you
resolve these water
problems you might win
the Nobel Prize !*



③ Ono Pure Water Restaurant



④ Protection and preservation of the water environment



⑤ Awaken consciousness / build a large support network

① Solidarity-based cooperation in Timor-Leste

As a contribution to assist with water problems around the world, we get a deep understanding of the situation in Timor-Leste, the country suffering the most from water scarcity in Asia. Based on the YUI feeling, Ono citizens by free personal donation to provide water equipment for Timor-Leste, share their gratitude for Water to the world. Thus, we reconsider the value of Water and develop pride and confidence in our city.

Local authority was first here

Humanitarian actions with the collaboration of
UNICEF Japan



Three years of support multiplied by 100,000 dollars
→ Supplied thanks to citizens and local associations donations.
Install a running water system in Timor-Leste (see the map below)



Citizen associations
collecting money for
charity (profit will be
donated)



Supporting water
problems by
running the
"Echizen Ono
Water Marathon"



Citizens initiated
"Water and Future
Gathering"



Increasing more and more exchanges with the world

Technical exchanges to provide running water equipment

Intellectual exchanges with highschool and middle school students for Water Research

Classes given by Timor-Leste lecturer in primary schools

Visit on the spot (October 2016)
Where we will support to build a water
supply system. Ermera prefecture,
Urahou village, Hatulailete...

② Water School

As a contribution to assist with water problems around the world, we promote water research activities by building an international research network: sharing accumulated knowledge of Ono's Water, giving to children who carry future occasions to consider water problems and feeling the importance of water studies.

○ **Creation and use of the Water Book**

In collaboration with UNICEF Japan, we distributed more than 40 000 books last autumn in primary, middle and high schools all over Japan. Then we received request for lessons and distributions of 1000 extra books.

Request for the book	12 schools
Request for the lessons	4 schools
Use of the downloadable document	2 schools

* situation late October 2017



Field trip to give water courses at school (In Ono, Fukui prefecture and all other Japan)



The book was used by many various companies



③ Ono Pure Water Restaurant

Sharing our gratitude to water around the world through the sense of taste: we highlight the spring water culture of our city and its exceptional aquatic environment through its gastronomy, by making Ono's specialities flavour well-known.



« The restaurant of one night » took place on August 1st in an old residence called Uchinami. This restaurant proposed you to enjoy a variety of meals elaborated by Carrying Water outside and just for one night. On this occasion, some specialists and participants in the water and gastronomy world were invited. Everything was realized by a group of 9 young citizens in love with their home city: from the roof garden to the meal as well as the welcome service.



④ Protection and preservation of the water environment

In order to transmit to future generations our spring water culture and the trove of aquatic resources in the city, the heart of Carrying Water Project, we pursue activities to preserve sustainably our forest (as the forest play an important role in water cycle) and to maintain the level of the ground water by spraying water in fields for instance.



Watering paddy fields
(about 30ha of the city area
already done)



Planting acorns to make tree



Collecting money for each event
Participant of projects ask to install Money
collecting boxes (can be found in 220
different places around the city)

We established the “Gratitude to the water Foundation” and created a system which permits local authority and citizens to side and undertake together:

- Activities contributing to improve and protect the water environment
- Activities attracting a feeling of gratitude toward Water
- Activities supporting areas suffering from drinking water scarcity

⑤

Awaken consciousness /Build a support network

We develop and pursue our activities while awakening citizens' s consciousness about water problems, and receiving support from different kinds of groups including universities and companies whom support the principle of "Owing a debt of gratitude to Water".

- We are looking for new partners for Carrying Water Project
- Spreading the message that our project carry out, present our activities through various conferences



Local Development Forum the 8th december 2017

Carrying Water Project's partner:



mont·bell



豊かな水を、次の世代にも。

TTMS 月島テクノメンテサービス株式会社

With
water,
with
you.

METAWATER



and many others...

⑤ - 1 Cooperation with the Ministry Environment through the Water Project



The Water Project has a purpose to relay correct information concerning water for Japanese citizens and earn esteem from the society by presenting many companies activities active in water sector.

1 MOE's Participation of « the restaurant of one night »

2 Beneficiting from the Water Project network

→ cooperation with other companies for
Carrying Water Project

The main examples

○ Nepia

⇒ Participation to citizens events (projects presentation, products distribution)

Intervention in primary school « Learning from poop »

○ METAWATER

⇒ Financial support for printing the « Water Book » (200 000 yen)

○ Ito En

⇒ Invitation for participation to the Local Development Forum

○ Mizkan

⇒ Promotion of our activities in magazines (under negotiations)



3 MOE's participation to our promotions activities

Lecture during the international symposium
Carbon Disclosure Project 28th october 2017
(in collaboration with the MOE,
simultaneous translation)



Cooperation with France, a global pioneer in water management

- Thanks the French Ministry for an Ecological and Solidary Transition's proposition, we exchanged and learnt more about french involvements in water business, water management and governance that contribute to the society, carrying out by the French local authorities or the French water agencies.
- We are currently trying to define the terms of a future collaboration in the field of water with Orléans Métropole and the Communauté d'Agglomération Hérault-Méditerranée.
- We are currently trying to organize culture, culinary exchanges and other educational exchanges



Exchanges with the mayor of Agde city (presenting the thanks letter from Ono's mayor)

Sake brewery in Pélussin "Les Larmes du Levant" (bonds through the sake brewer in Ono)



⑤ - 2 Participation to the 8th World Water Forum

- **Date** march 18-23 2018
- **Place** Brasilia city in Brazil
Centro de Convenções Ulysses Guimarães - National Mané Garrincha Stadium
- **Theme** « Sharing Water »
- **Organisators** The World Water Council, The Federative Republic of Brazil,
and the Federal District of Brazil.

(photo below) 7th World Water Forum in Korea Forum mondial de l'eau en Corée du Sud

Participation of the last korean president of Korea Park Geun-hye, the last japanese minister of Land, Infrastructure, Transport and Tourism Akihiro
Ōta, 168 other countries and more than 40 000 people.

