



<del></del>						
rabie	Table 1 Process of aging *proportion of 65 and over in the population					ıon
		7%	14%	7%→14%	20%	
	Japan	1970	1994	24	2006	
	Finland	1958	1994	36	2015	
	Germany	1932	1972	40	2012	
	Great Britain	1929	1976	47	2021	
	Denmark	1925	1978	53	2018	
	USA	1942	2013	71	2028	
	Sweden	1887	1972	85	2012	
	Norway	1885	1977	92	2022	
	France	1864	1979	115	2020	





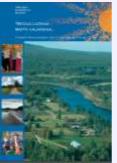
Yläkemijöen Aluelautakunta, 2004

TEKOJA LUOKAA- MAITA VALAISKAA...

ITÄISEN- ROVANIEMEN –KEHITTÄMISSUUNNITELMA 2007-2013

Yläkemijoen kehittämissuunnitelman tavoitteena on

Yläkemijoen kehittämissuunnitelman tavoitteena on tuoda esiin kylien vahvuuksia, määritellä kehittämisen pääsuuntaviivat sekä yksilöidä tarvittavia toimenpiteitä. Strategisena johtoajatuksena on, että maaseutukylien kehitys ei määräydy yksinomaan kaupunkikeskuksen säteilyvaikutuksista, vaan siihen vaikuttavat kunnallisen päätöksenteon lisäksi monet laajemmatjopa globaalit- tekijät sekä kylien omat tahdonilmaisut ja toimenpiteet. Yleisenä päämääränä on lisätä alueen vetovoimaa kilpailukykyisenä asuinympäristönä ja yritysten sijoittumispaikkana(: 5).



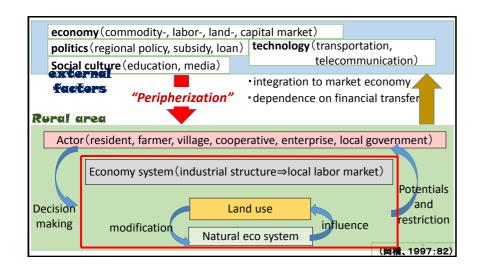
#### Lauri Hautamäki, 2002 Teollistuva maaseutu

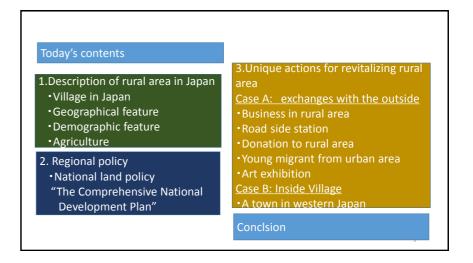
– menestyvät yritykset maaseudun voimavarana

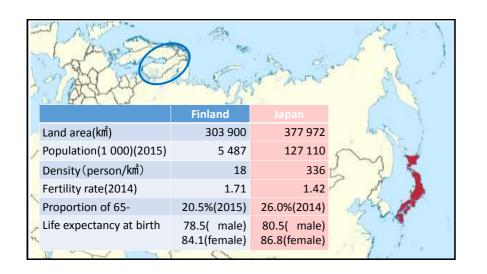
On ilmeistä, että maaseudun säilyminen elävänä voidaan turvata vain yritystoiminnan ja nimenomaan teollisuuden avulla, koska vain teollisuus pystyy luomaan niin paljon uusia työpaikkoja, että maaseudulla asuisi riittävä määrä ihmisiä. Maa ja metsätalous sekä julkiset ja yksityiset palvelut työllistävät tulevaisuudessa yhä vähemmän. Myöskään matkailu ei joitakin turistikeskuksia lukuun ottamatta tuota mainittavasti uusia työpaikkoja maaseudulle (:139).

Maaseudun teollisuuden tukeminen olisi otettava maaseutupolitiikan painopisteeksi(:143)

(Kunnallisalan kehittämissäätiön tutkimusjulkaisut, nro 34.)

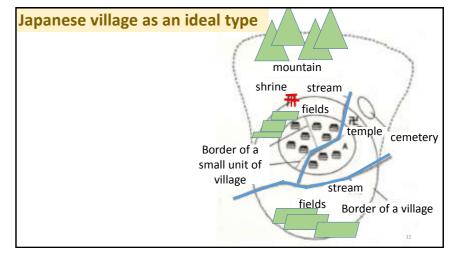












#### Village as a base of municipality and neighborhood Association •Rice farming demands cooperative work. ex. control of water • Unit of the cooperative work is a family. Village is "organized families". • A man participates in the village meeting as a representative of a family. "original" village 140,000 $\downarrow$ (2 village form 1 village) •Edo era (1603- 1868)'s village 70,000 for taxation $\downarrow$ (4-5 village form 1 village) •Meiji era(1868-1912)'s village 16,000 Community organization Repeated merger Neighborhood association Municipalities (2014) 1,718 298,700(2013)

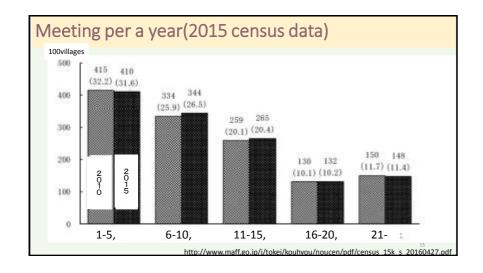
## Agricultural village which functions as a community

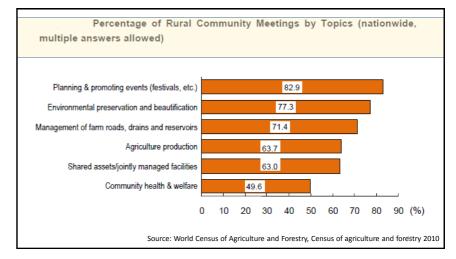
	Function	Not function	total(%)
2010	133,700(96.0)	5,500(4.0)	139,200(100.0)
2015	134,300(97.2)	3,900(2.8)	138,300(100.0)

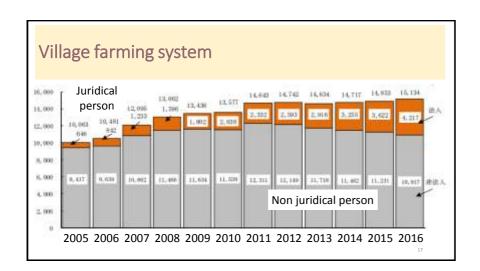
Function as a community includes,

/Maintenance and management of local resources. ex. farm land and forest etc. /mutual aid in agricultural production. ex. cooperative work for harvest period /complementary function for everyday life. ex. funeral ceremony

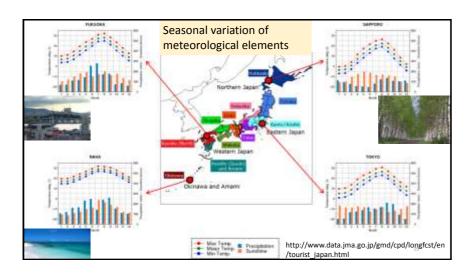
http://www.maff.go.jp/j/tokei/census/afc/2015/pdf/census\_15k\_20160427.pdf:14

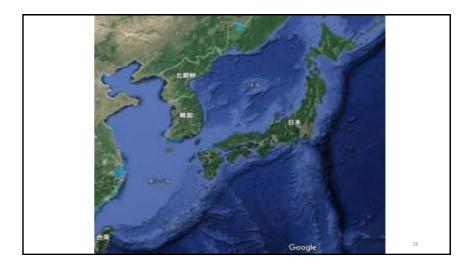


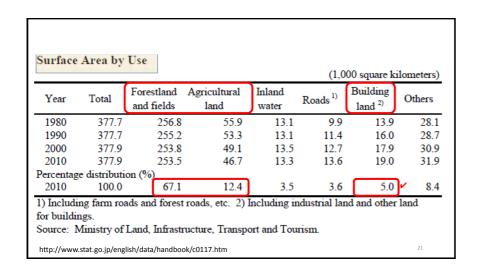


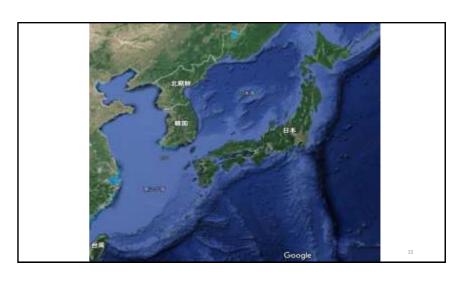


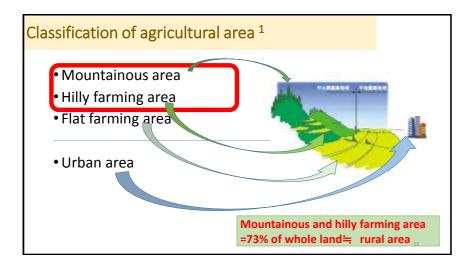












workers in secondary and tertiary industry increased

proportion of workers in primary industry was abandoned as indicator →

New classification of the agricultural area(1990-)

Municipality in which...

1. DID area is over 5% of the inhabitable land and 500- persons/km². Or DID population is over- 20,000 ⇒(1) urban area

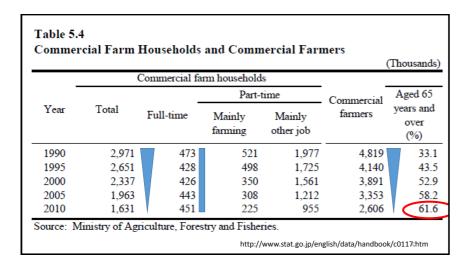
2. Forest is over 80% and less than 10% is cultivated land⇒(4) mountainous farming area

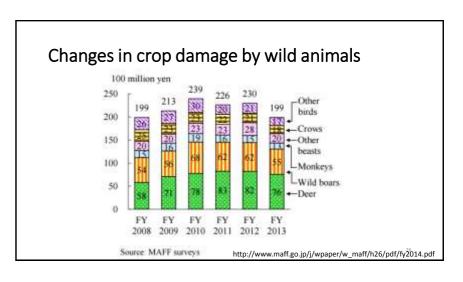
3. The cultivated land is approximately over 20%, forest is less than 50% or over-50% but mostly flat farming area ⇒(2) flat farming area

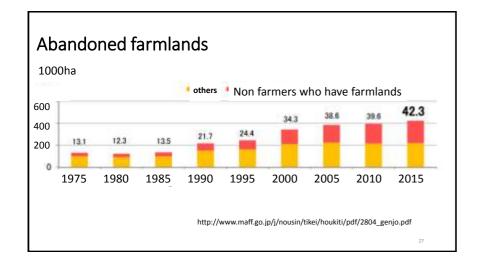
4. Forest is 50-80% and the cultivated land is mostly slope ⇒(3) hilly farming area

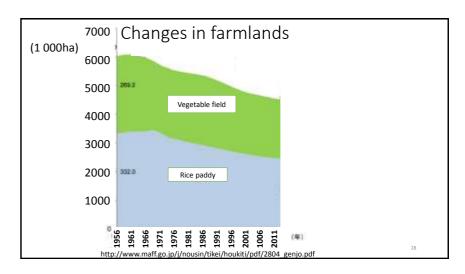
※Densely Inhabited District....basic unit for census which has 4,000person/km² gathered 24 together and in sum. it has 5,000 person

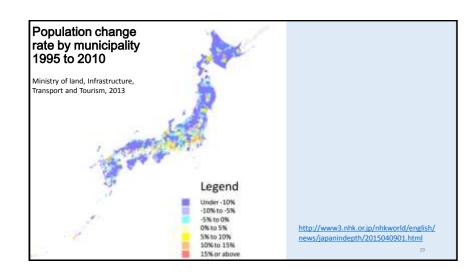
Expansion of

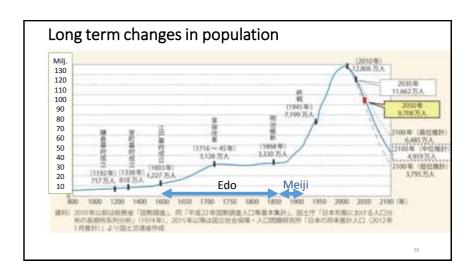




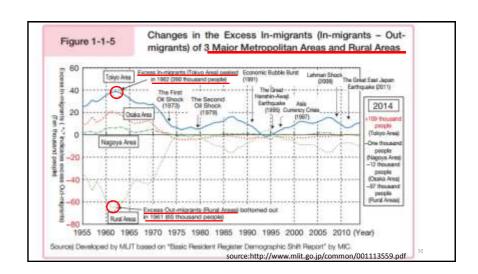


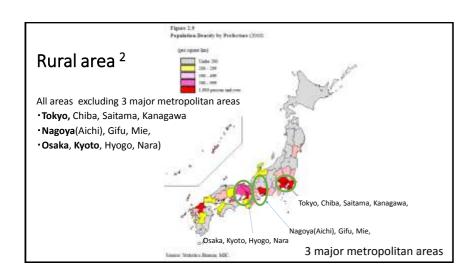






# Urban- rural disparity and the reginal policy Over 400 municipalities were bombed in World War II. Victims in the big cities • Tokyo 100,000 • Hiroshima 140,000 • Nagasaki 73,884 • Okinawa 94,000 http://www.huffingtonpost.jp/2014/03/10/tokyo-daikusyu\_n\_4932459.html





## Policies toward the acceleration of urban-rural disparity.

•The Act Concerning the Industry Restriction

(1959- Metropolitan area, 1964-2002 Osaka area)

•1960 "Income Doubling Plan"
"Pacific coastal belt"

**←**Objection

34

The Comprel	nensive National De	evelopment Plan19	962		
	I	I	ш	IV	" <b>V</b> "
Cabinet dec.	1962	1969	1977	1987	1998
Background	take off toward highly economic growth	High economic growth	3.1977-1987, stable economic growth,	concentration of population and functions to Tokyo	Globalization, shrinking, aging, information society
Target year	1970	1985	1987	2000	2010-2015
Basic aim	Development balanced between regions	creation of rich environment	Reform of living environment	multi polarization	plural pillar, choice and responsibility of the region
challenging	Overpopulated city	Environmental pollution	Adaptation of new economical situation	Globalization and global city	
Way of development	Development on selected aera	Construction of special express train network and high way	Constrain of centralization to big cities. Activation of rural area and reform of depopulated area.	Development of transportation and information technology.	Recommendation for regions and enterprises for participation and networking

# A principle of the nodal system development

- •The central government decides standards, then local governments apply for it.
- •The central government decides adoption.
- When the local governments prepare the infrastructure for attracting companies, the central government gives fiscal assistance.

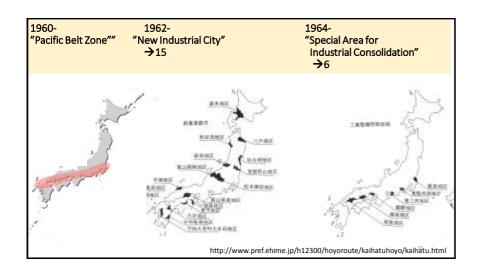
#### Standards for

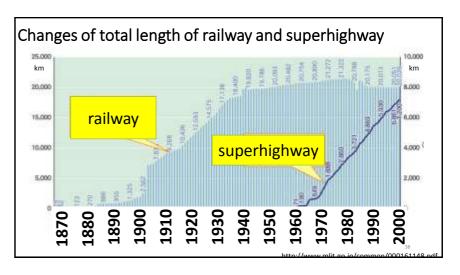
#### "New Industrial City" (1962)

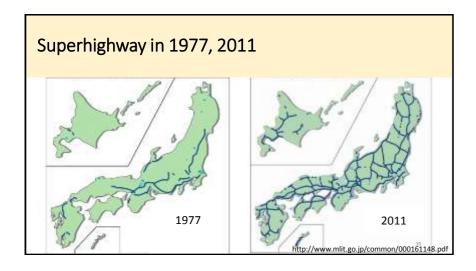
- •Over 1000ha land for industrial use, over 300ha land for housing development, water for industrial use
- ${}^{\bullet}$ at the target year, population->200,000, industry delivery amount ->30 billion JPY.
- $\mbox{-}\!$  efforts to attract enterprises, plan of transportation system
- •44candidates → 15 adopted

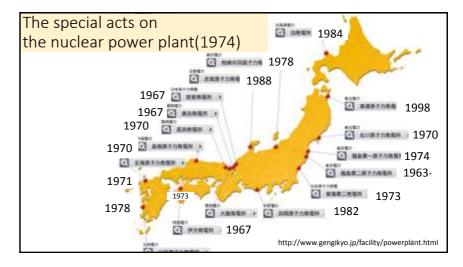
#### "Special area for industrial consolidation" (1964)

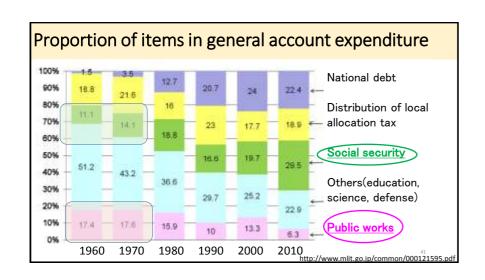
6cities











# Agricultural policy

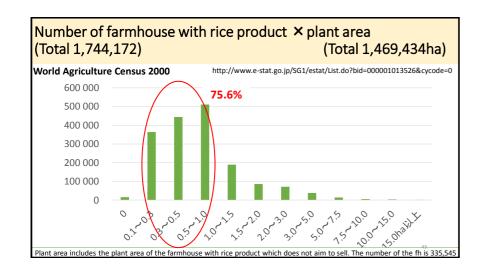
 To improve the condition of farming Land improvement act(1949)

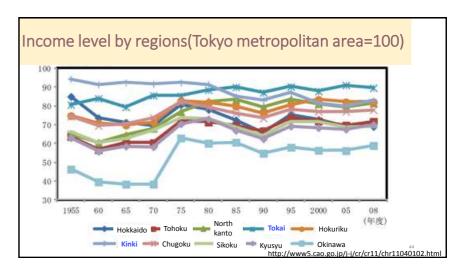
→ Farm consolidation

 To improve the income of farmers and modernization of agriculture Agricultural Basic Act(1961)

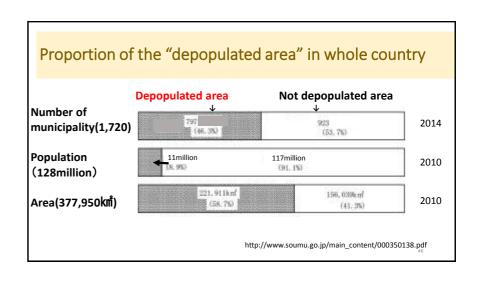
→Stable prices(Rice)

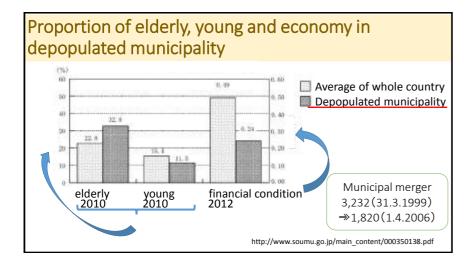
To make the rural area more convenient and modernized





# | Depopulated area | Depopulated area | Depopulated area | Area | municipality | | High Rate of population decreasing | and [Index of financial situation]\* | | ex. population of 1960/that of 1995 = 0.3- and 0.42 | | \*Index of financial condition of the municipality = | Standard financial revenue ( \( \display \text{tax revenue of their own etc.} \) | | Basic fiscal demands (based on the population) | | Related ministries: Ministry of Internal Affairs and Communications, | Ministry of Agriculture Forestry and | High (May 6 gov.go.jp/htmldata/H12/H12H0015.html) |





#### Decentralization 1990s-

Changes in the regional policy and the land plan.

The fifth comprehensive national development plan, 1998

→ The principle of cooperation between municipality and residents

#### 2005

- •The comprehensive national development plan abolished
- •The national land utilizing law

  Land utilization is led by local government

.



Grand Design of National Spatial Development towards 2050 Creation of a country generating diverse synergies among regions

--Ministry of land, infra structure, transport and tourism, MLIT. 2014.

#### Challenges:

- Progressive demographic shrinking and low fertility rate
- · Hyper-aging society
- Heightening of city versus city competitions and globalization
- No time to lose to prepare for mega disasters and aging infrastructure
- Threats to supply food, water and energy and global environmental problems
- Technological innovation including those of ICT
- "Compact" and "Networks"
- Fostering diversity is therefore key for regional innovation

http://www.mlit.go.jp/common/001088248.pdf

# "Small Stations" in rural regions as the key for service delivery and regional innovation

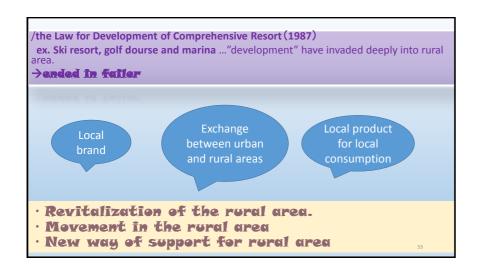


http://www.mlit.go.jp/common/001088248.pdf

- Concentrating basic services delivery hubs supporting life, including daily shopping and medical services at former elementary schools, or town halls.
- Creating new employments in collaboration with the existing "roadside stations", as centers of regional innovation, or diverse actors producing local specialties by bridging primary, secondary and tertiary industries, the "sixth industries", and promoting locally based renewable energy generation.

### **Basic Strategies**

- 1) Locating "Small Stations" as the basic units of regions and "High-Grade Links of Cities"
- 2) Developing future industry clusters, and searching for creative cities and regions, towards territorial development seeking for "Proactive compact"
- 3) <u>Designing a "Super-Mega-Region"</u> nurturing new links
- 4) Making maximum use of both the Japan Sea regions and the Pacific Rim regions, and encouraging exchanges between the Dual-Corridors
- 5) Promoting tourism, illuminating diverse treasures of the regions
- 6) Creating urban-rural demographic flows by demonstrating joys of rural life
- 7) Regenerating local communities, friendly both to young and "silver" generations
- 8) Creating beautiful and disaster-resilient cities and regions
- 9) Achieving smarter-use of infrastructure
- 10)Establishing a society envisioned together with the private sector and fostering innovation
- 11) Nurturing locally based actors working for inclusive development in regions
- 12) Seeking for flexible solutions in overcoming energy constraints and environmental problems





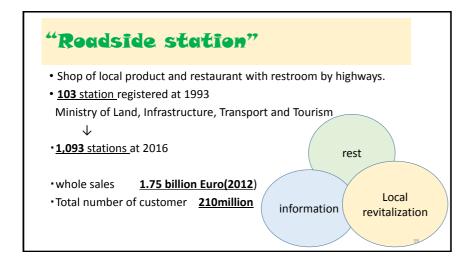


# "Leaf business" in Kamikatsu

- Main products .....timber, satuma orange /1980s- imported timber, 1981 Big chill.
- →320 different leaves.
- Annual sales of Irodori →2 million Euro.
- \* Euro, to indicate the amount of money, exchange rate is 1Euro 120 JPY.
- a senior citizen who earn about 83,000 Euro/year.
- Internship by university students, over 600.
- Migrants → 20
- Study tour. Visitors come also from abroad.





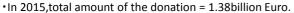




# donations)" The donor gets

- deduction of income tax for the year
- deduction of resident tax of the next year.
- "Gift in Return"
- Own expense is about 17 Euro.
- =amount of donation -- total amount of refund by deduction
- \*about 2% of annual income as amount of donation is preferable.





- •The most popular municipality got about 35 million Euro in 2015.
- •The tax revenue of the urban municipality decreased.
- •Tokyo metropolitan area will lose 207.5million Euro in 2016
- •Kanagawa prefecture which is next to Tokyo, will lose 70 million Euro.



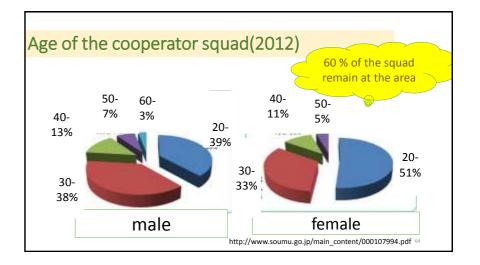


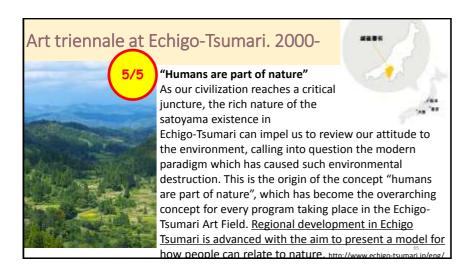
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# Community-Reactivating Cooperator Squad

	Number of members	Adopted local government	In which prefectures	In which cities, towns, villages
FY2009	89	31	1	30
FY2010	257	90	2	88
FY2011	413	147	3	144
FY2012	617	207	3	204
FY2013	978	318	4	314
FY2014	1,511	444	7	437
FY2015	2,625	673	9	664
	4,000	nttp://www.soumu.go.ip/main_s	osiki/iichi gyousei/o	gyousei/02gyosei08_03000





"In summer, cultivate the fields; in winter, cultivate the mind."

Echigo-Tsumari is known for heavy snowfall in winter. This motivates cultural exchanges based upon the principle captured by the Japanese expression "seikô udoku", which can be rendered in English as "In summer, cultivate the fields; in winter, cultivate the mind."





http://www.echigo-tsumari.jp/eng/

# Art triennale at Echigo-Tsumari. 2000-

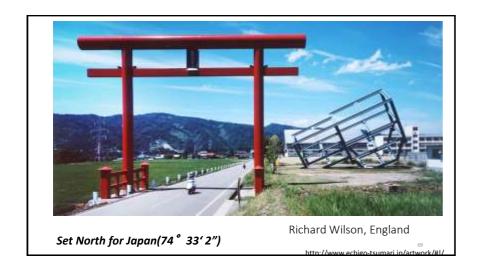
- Artists → from over 40 countries
- The exhibition period →50 days
- The visitors →about 500,000 (2015)
- In 1994, Governor of the Niigata prefecture raised
   a local revitalizing program and the idea of "the art necklace"
   →The triennale started in 2000
- The exhibition site is 760km in Tokamachi- city, Tsunan-town,
- In 2005, Tokamachi city- merged with surrounding 4 towns and villages.

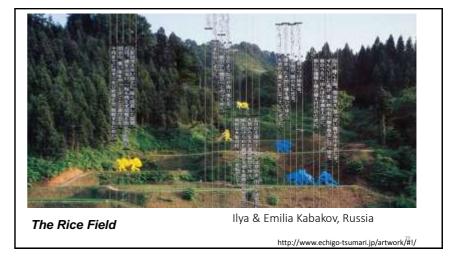


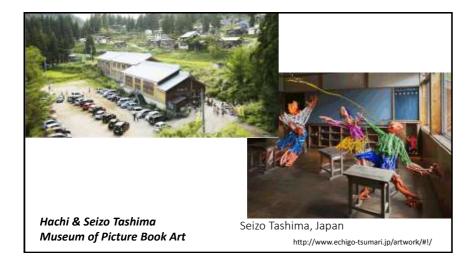
For the lots of lost windows

Utsumi Akiko, Japan

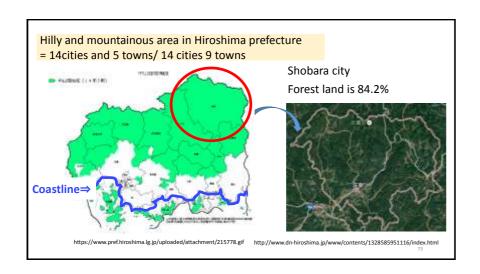
http://www.echigo-tsumari.jp/artwork/#!/

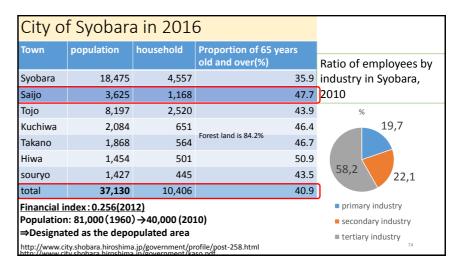








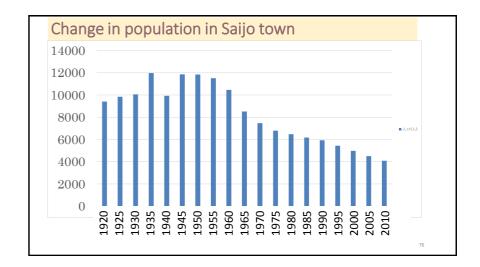


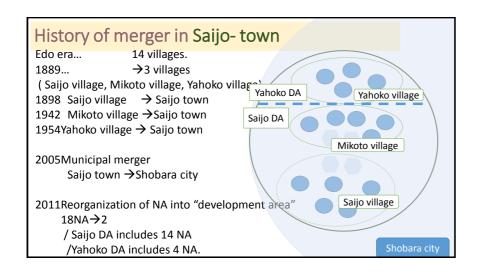


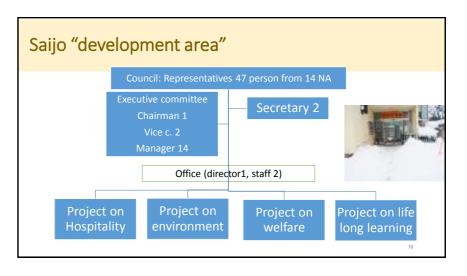
# Merger and "development area" in Shobara city

- In 2005
- Multi- pole development plan
- •established 22 "development area"
- •an association for local revitalization
- •on the basis of the "neighborhood association"
- •3 million Euro/year













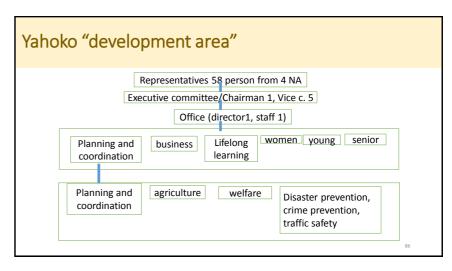






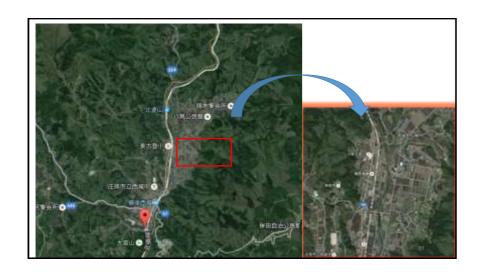


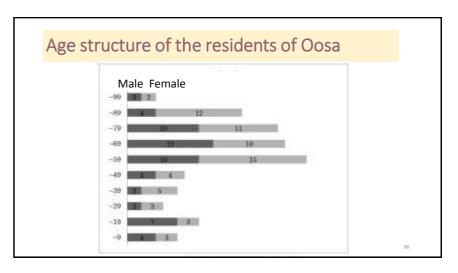


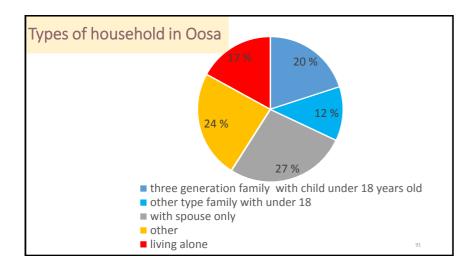


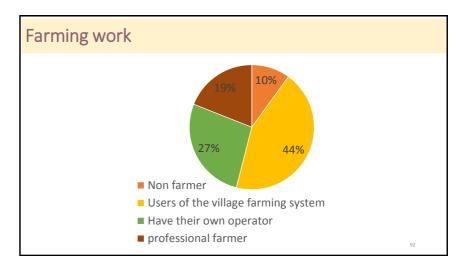












# Voice of villagers 1/3

WOMAN, 80s (WIDOWED, LIVING ALONE AT OOSA IN SAIJO DA)
"At night when I go to sleep, I feel I am happy."

->"Reference group".
Comparing with past

->Full of supportive relationship.

Many friends of same generation in their village

Brothers and sisters live near to her village

Neighborhood association taking care of the elderly well

# Voice of villagers 2/3

WOMAN, 70s (WIDOWED, LIVING ALONE AT YUKI NA IN YAHOKO DA)

"I feel very sorry, when I think about ancestors"

←Japanese traditional family as ideal type

- 1. Family is a management body which has family's own property and with the property run the family business.
- 2. Ancestor worship
- 3. It is important that the family will last over the generation by direct descent and enhance its prosperity.

### Voice of villagers 3/3

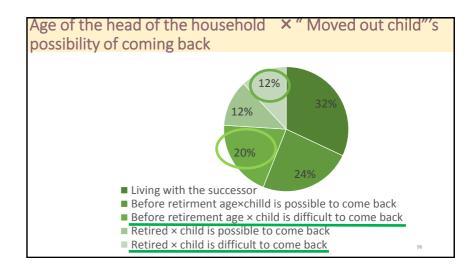
MAN, 70s (LIVING WITH SPOUSE. RETIRED AGRICULTURAL COOPERATIVE STAFF, ONE OF THE LEADER OF THE NEIGHBORHOOD ASSOCIATION OF OOSA AND DEVELOPMENT AREA IN SAIJO)

"Long ago, rice planting day was fun. Many people in a field, even played a music record loudly..."

"Feel dissatisfied when I see her (a young newcomer village coordinator at community center) asking a villager, "Hello! Then, what your name?"

"I don't say so, but I expect that my son will come back soon."

Continuation of village and continuation of family, inseparable



### Rural development in Japan

Rural area is under the influence of external factors.

In Japan, the natural eco system in each region differs a lot but still, the rice farming determines the lives of rural area basically.

#### Rural area

- Rice farming, water sharing
- Family and village
- Neighborhood association
- Village farming system
- Actions for rural revitalization
- Women
- Young
- New comers
- · Migrants from urban area

Community-Reactivating Cooperator Squad •coming back of "moved out child"

#### External factors, relation with urban area

- •Policies to resolve the disparities between urban and rural
- · Policies toward rural revitalization

#### Rural development?

#### Development as unfolding the latency

- Difference between urban and rural
- Differences between the rural areas
- Difference between residents
- Difference as a base of exchange
- •Exchange makes "wealth"



"Fostering diversity is therefore key for regional innovation" Grand Design of National Spatial Development towards 2050 (2014)

The development that has been accomplished.

- By the plan of central government
- By the policies to resolve the disparities between urban and rural
- One standard for various areas

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