



Sustainable Development Management (SDGs) in **Shinan-gun**

Planning 1004 Islands



Table of Contents

Coexistence of Sunlight, Winds, Tidal Flats and Human

- 
- 1. Shinan County Mayor's Philosophy for Sustainable Development**
 - 2. Current State in Sinan-gun**
 - 3. Sustainable Development Goals of Shinan-gun**
 - 4. ESG Management Strategies in Shinan -gun**
 - 5. Sustainable Development Policies**
 - 6. Sustainable Shinan**

Hopes, relentless persuasion and endurance
for transformation of civilization

Citizen-centered innovation
w/ sustainable administration!

Sustainable Development in Shinan-gun

Head of Local Government Association
for Sustainable Development
County Mayor, Woo-ryang Park



Current State in Shinan-gun

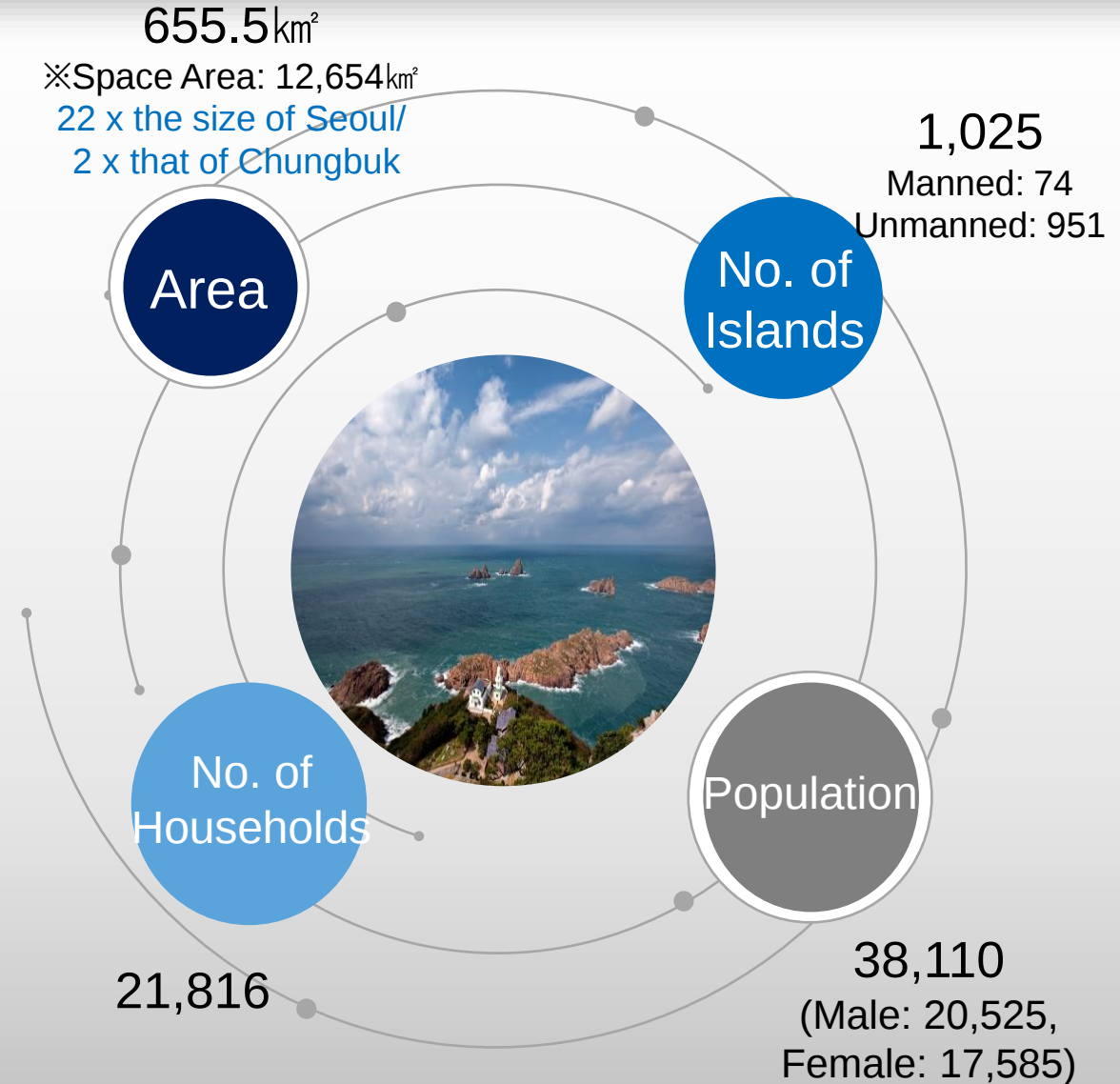
Coexistence of Sunlight, Winds, Tidal Flats and Human



Geography & Population in Shinan

As an archipelago along the southwest sea in South Korea, **Shinan-gun** is comprised of 1,025 islands (**manned: 74, unmanned: 951**).

As of 2023, **its population stands at 38,110. As the elderly aged 65 or older account for about 38% out of the total population**, it is necessary to create new income sources in response to a declining number of working population.

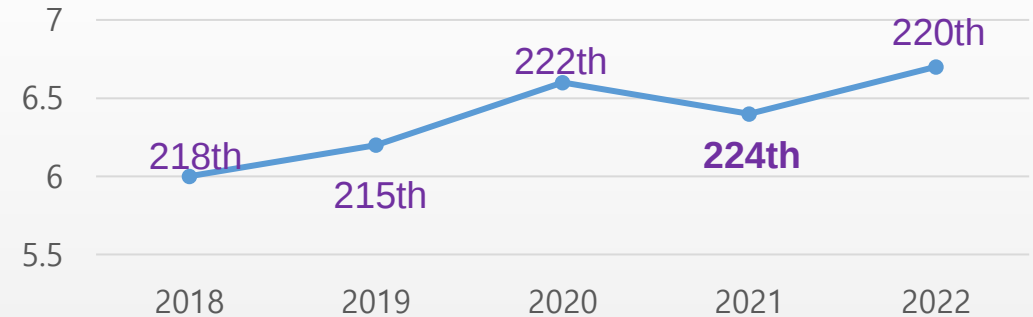


Regions at risk of Population Extinction: **1st** Financial Independence: **bottom ranking**

Region	Extinction Index
Shinan-gun, Jeonnam	0.088
Ongjin-gun, Incheon	0.161
Ulleung-gun, Gyeongbuk	0.328

Passenger Ship: **115 days (controlled)**

- Cancellation Rate of Passenger Ship from/to Heuksando: **11%**
- Unavailable Service : **52 days**
- Controlled operation at least once a day: **115 days**



The Most Distant Area from Seoul

- Seoul – Mokpo(KTX) : **2 hours 30 mins.**
- Mokpo ► Island Region : **30mins. ~ 7 hours**
- ✂ Jeju – Seoul (by air): **1 hour**

< Sustainable Shinan where Humans and the environment can coexist >

Response to Climate Change

Green carbon, blue carbon and new/renewable energy

13 CLIMATE ACTION



7 AFFORDABLE AND CLEAN ENERGY



Eco-friendly Production & Consumption of Energy

High energy independence centering on new and renewable energy

Conservation of Marine Ecosystems

Keeping tidal flats clean and sustaining biodiversity

14 LIFE BELOW WATER



11 SUSTAINABLE CITIES AND COMMUNITIES



Sustainable Cities and Communities

Expansion of equitable welfare, educational support, transportation support and socioeconomic foundation

Decent Jobs & Economic Development

Education/research support, development of professional capacities, color marketing

8 DECENT WORK AND ECONOMIC GROWTH



9 INDUSTRY, INNOVATION AND INFRASTRUCTURE



Industrial Innovation & Social Infrastructure

Expansion of social infrastructure and development of eco-friendly, high-income and strategic industries

IV

ESG Management Strategies in Shinan-gun

Coexistence of Sunlight, Winds, Tidal Flats and Human

< Shinan-gun as a leading model for sustainable management in South Korea >



Eco leadership

Conservation of ecosystems
& eco-friendly leadership



Social service innovation

Innovation toward
Citizen-centered
Social Services



Governance of efficiency

Innovative Governance

< Environment >

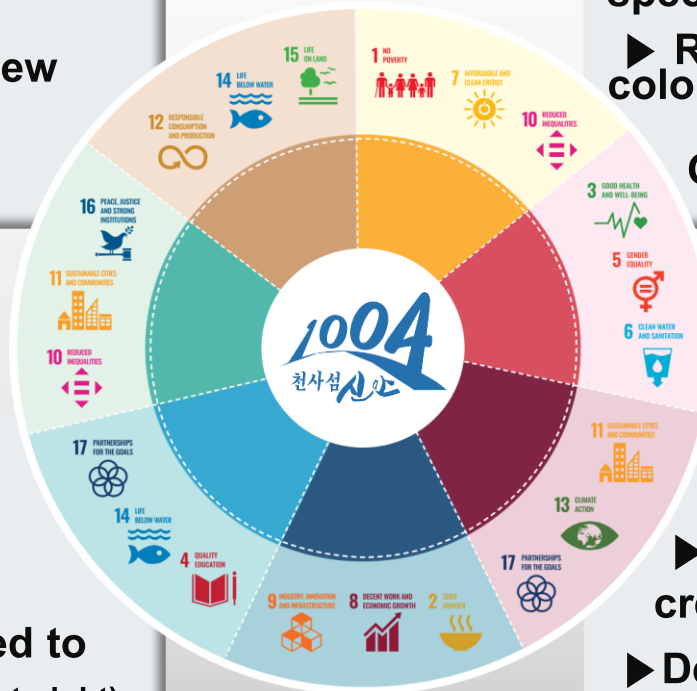
- ▶ Inscribe Shinan Tidal Flat on the list of UNESCO World Heritage
- ▶ Create forests in a large scale such as local gardens & ecological restoration of forests
- ▶ Respond to climate change, using new and renewable energy
- ▶ Stabilize ecosystems to conserve biodiversity

< Economy >

- ▶ Focus on development of eco-friendly, high-income, strategic industries
- ▶ Provide training/research support for specialties and foster professionals
- ▶ Reinvigorate the local economy using color marketing
- ▶ Lease out fishing vessels and 1004 Oyster farms to the youth

< Society >

- ▶ Establish the brand “1004 Islands”
- ▶ Support equitable welfare and high-quality education
- ▶ Assist transportation services tailored to needs (public bus services & passenger ships at night)
- ▶ Expand socioeconomic foundations (benefit sharing with residents from renewable energy)



< Culture/Tourism >

- ▶ Nurture island culture and arts
- ▶ Turn 1004 Islands into gardens and create 1 museum per 1 island
- ▶ Develop flower festival(s) around the year
- ▶ Develop and create islands that you'd like to visit

1. Shinan Tidal Flat at the center of Tidal Flat Heritage Recognized by UNESCO



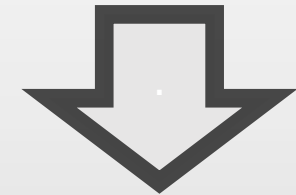
Getbol, Korean Tidal Flats



Name of Heritage	Initial: Shinan Tidal Flat Expanded: Getbol, Korean Tidal Flats
Criteria for Inscription	Initial: viii (Topographic and geological features), ix (bioecological process), x (Biodiversity & endangered species) Inscription: x (Biodiversity & endangered species)
Outstanding Universal Value	Serves as one of the most crucial and meaningful habitats across the world to conserve global biodiversity and is valuable as a stopover for endangered migratory birds
(Proposed) Recommendations for Inscription Decision	- Expand the heritage zone up to the 48th World Heritage Committee to reinforce the heritage's outstanding universal value (OUV) - Establish the integral management system among components of serial properties comprised of 9 components to be additionally inscribed - Keep additional developments under the control that could negatively affect conservation of the heritage - Reinforce cooperation with countries along the East Asia Australasian Flyway and Migratory Bird Sanctuaries along the Coast of Yellow Sea-Bohai Gulf of China

Shinan **Blue** Carbon

- ▶ World Natural Heritage
- ▶ Tidal flat restoration project
- ▶ Creation of artificial wetlands
- ▶ Spread of effective microorganisms



Carbon Reduction

100,000~280,000 tons/year

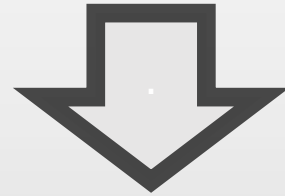
(Economic value: 6.3 bil. KRW/1 km²/yr)

(Economic value: 62 tril. KRW/yr)

2. Shinan w/ Evergreen 1004 Islands as eco-friendly gardens



**Evergreen
1004 Islands**
Shinan **Green** Carbon
Eco-friendly Gardens



Carbon Reduction
75,000 tons/yr



- Hydrangea Park(15ha), Potted Plant Garden(15ha)
- (Amtaedo) Local Garden (10ha)
- (Jangsando) White Garden (20ha)
- (Jido) Lilac Garden (5ha)
- (Bigeumdo) Red Beach Garden (60ha)
- 1 Garden per 1 Island(100ha)
- Ecological restoration of island forests along the southwest coast(70ha)
- Korean Peninsula Peace Forest (60ha)
- Life-friendly forest (6ha)
- 380 town forests

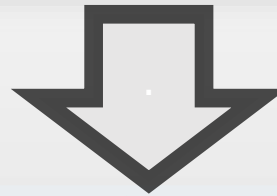
3-1. Shinan as a core of renewable energy production and response to climate change in South Korea

Sunlight



New/Renewable Energy

- ▶ Shinan offshore wind power: 8.2GW
- ▶ Solar power: 10GW
- ▶ Sharing of benefits from development of new/renewable energy



- ▶ **Reduce carbon emissions**
(217 million tons per year)
(effect of closing 50 units of thermal power plants)
- ▶ **Realize sunshine pension and wind pension** (Settlement of community involvement scheme, population influx & reinvigoration of local economy)
- ▶ **Secure sustainability as energy independence**

Wind



3-2. Benefit Sharing from Community Involvement in New and Renewable Energy

< Sunshine Pension! Wind Pension! Sunshine Children Allowance!
Residents' sustainable basic incomes >

Island	Amount Paid (1 Mil. KRW)	No. of Residents
Total	10,061	10,775
Anjwado	4,266	3,250
Jido	4,568	4,317
Imjado	1,227	3,208

Photovoltaic 1.8GW / 2023: per-capita 680,000 KRW to 1 mil. KRW on a quarterly basis

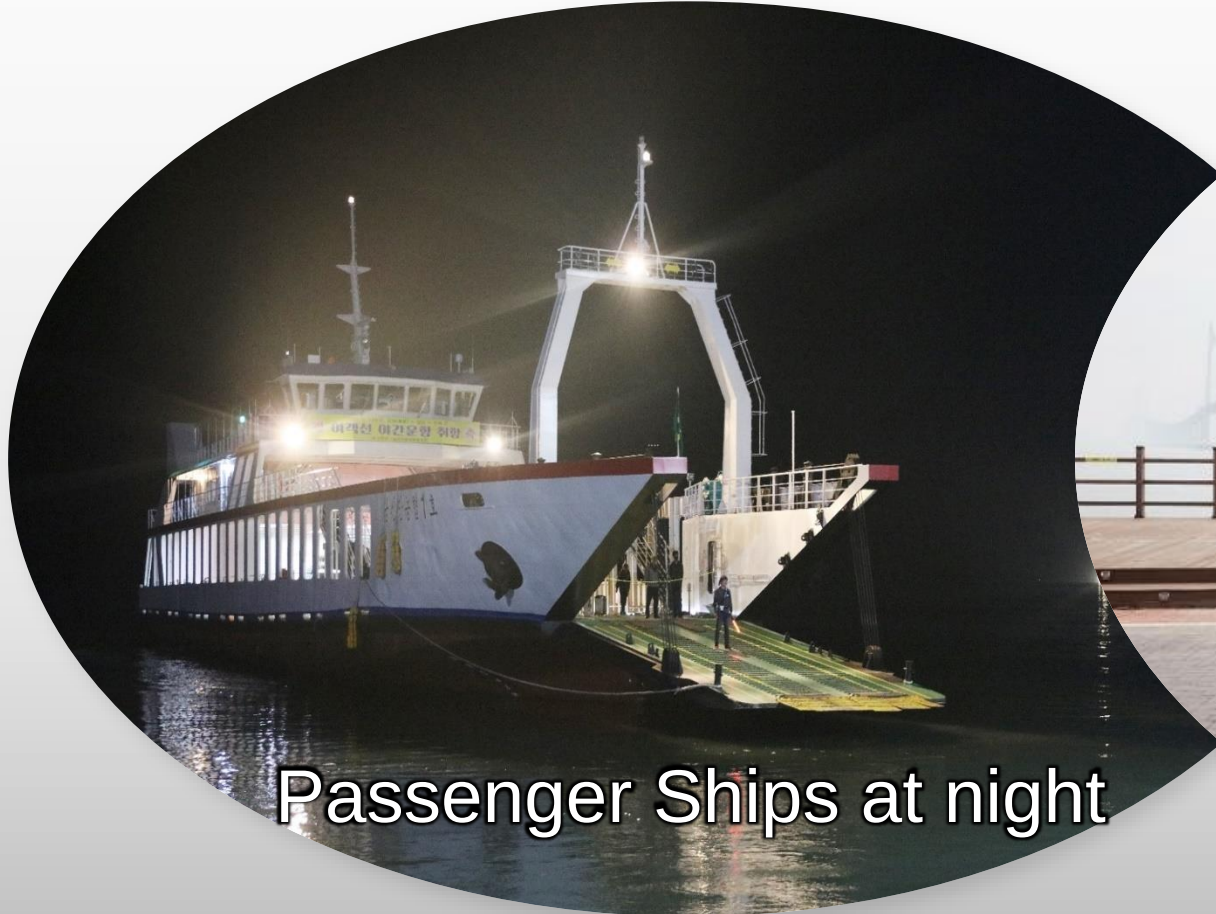
- Dividend: 10,775 people (28% of the entire Shinan population)/10 bil. KRW paid (as of Oct 2023)

Offshore Wind 8.2GW / 2028: per-capita 500,000 KRW on a monthly basis

➡ Shinan leading toward an era of sustainable development. i.e., a decrease in regional conflicts, an increase in social profits and influx of population

4. Shinan that, for the first time in the nation, ensures the rights to mobility for life satisfaction

<Improved traffic inconvenience that islands residents have experienced through innovative administration >



Passenger Ships at night



Public Bus Service

5-1. Shinan that brings the youth back with development of its local economy

Development of Income-guaranteed Industries

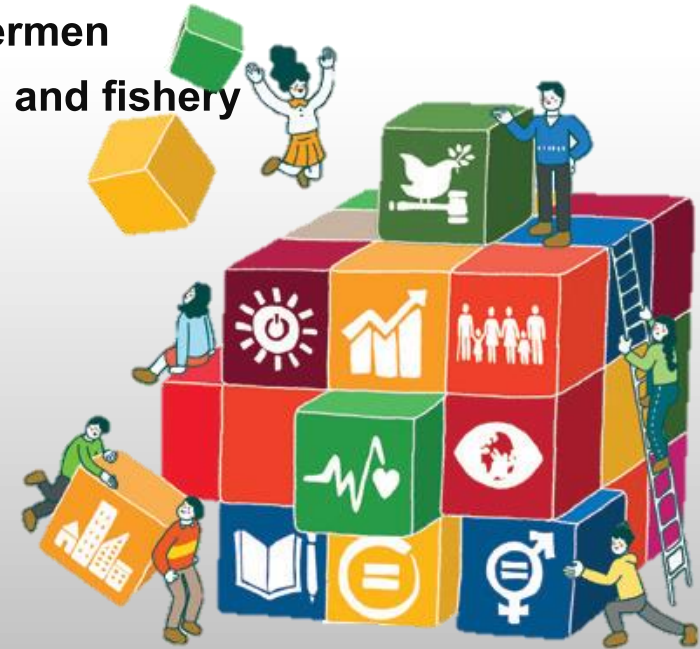
- ▶ Branding of various agro-fishery products such as sun-dried salt, single oysters, spinach, green pepper, skate, croaker, seaweed, etc.
- ▶ Support for 6th industrialization using various platforms such as Shinan 1004 Mall

Fostering of Professionals w/ Quality training/research

- ▶ Operation of programs to nurture farmers and fishermen
- ▶ Training and support for those returning to farming and fishery
- ▶ Operation of 1004 Islands Academy
- ▶ Operation of the National Institute of Ecology for the first around the nation

Policy to support jobs for the youth

- ▶ Rental business, i.e., agricultural machinery, and fishing vessels
- ▶ Support of job creation and the youth's business involvement
- ▶ Support for workers such as on-the-job training, self-improvement fees and installment savings for local settlement
- ▶ Support of education, consulting, development fees and marketing for young entrepreneurs



5-2. Shinan that brings the youth back with development of its local economy

Shinan to launch the 2nd Seaweed, Prawn and Single Oyster School

- 양식학교 교육생 2월20일~3월 6일 모집
- 3개 과정 총 40명 이론과 실습교육
- 선진지 견학 등 4월~12월, 월 2회 교육
- 지난해 총 67명 졸업생 배출
- 5명 프랑스 마렌 올레롱 4주간 유학



光州日報

정치 경제 사회 문화 스포츠 사람들 기획 오피니언 시군별뉴스

Shinan 'pushes forward' with its support for job creation and start-ups for the youth



신안군청 전경 <광주일보 자료사진>

신안군이 청년들이 돌아오는 지역 여건 조성을 위해 청년 일자리와 창업 지원 사업에 박차를 가하고 있다.

신안군에 따르면 올해 사업비 총 10억3400만원으로 지역 13개 사업장에 23명의 청년 일자리와 16팀의 청년 창업가를 육성하고 있다.

청년 일자리 사업 참여 기업에는 청년 근로자 인건비의 80% (최대 월 160만 원)를 지원하며, 근로자에게는 직무교육, 자기계발비, 지역 정착 지원, 주거 등의 혜택을 제공한다.

Successful sale of rental housing (rent: 10,000 KRW per month) and start of move-in on 18th

청년층 지원자 많아, 지역자원 활용한 소득증대사업 앞장설 것

GECONOMY(지이코노미) 양하영 기자 | 신안군(군수 박우량)은 인구감소와 지역소멸 위기에 대응하기 위한 정책으로 농촌지역에 귀촌하는 자녀(미성년)가 있는 가구와 청년, 신혼부부와 도시민들에게 월 1만 원부터 최대 15만 원의 임대주택 신청 접수가 성황리에 마무리됐다.



서울경제

Benefit sharing & support for the youth's fishing vessels, revitalizing Shinan which is "at risk of extinction"

태양광 수익 배당금 분기 지급에 타지인을 '이주하겠다' 문의뿔뿔을 6월 일일 7년만에 순유입 전한



지난 9월 세계적 관광지로 주목을 받고 있는 전남 신안군 폐촌을 향한 관광객들이 폐촌과 임대용 겸하여 들거는 연해들 보며 있다. 사진 제공=신안군

연구소멸위험지역으로 분류된 '1004 선' 전남 신안군이 전국 최초로 지역 특성에 맞는 대중교통·옛뽕면 등 획기적인 정책을 시도하며 인구 유입과 지역경제 활성화에 이끈 세



중격 서울랜드에서 공룡 발견
서울랜드

오늘의 핫토픽

- # 서경원 박현경
- # 빈대 출현
- # 남원회 천청호 논란
- # 이스라엘-팔레스타인 전쟁
- # 7 시정연설

"vocational/start-up training" conducted for migrant women

조선경 기자 | 입력 2023.03.23 18:00

결혼이주여성의 전문 교육 실시·한국 정착 기어

전남 신안군(군수 박우량)은 저소득 취약계층 및 결혼이주여성을 대상으로 커피바리스타를 포함한 5개 과정 취·창업 자격증반을 실시한다고 23일 밝혔다.



The nation's first rental business of fishing vessels for the youth, bringing the young back to Shinan

[전남=뉴스프리존] 조완동 기자= 신안군이 지난 2019년부터 전국 최초로 추진해 올해 5년째를 맞는 '청년들이 돌아오는 어선 임대사업' 중 어선 2척에 대해 취항식을 개최했다.

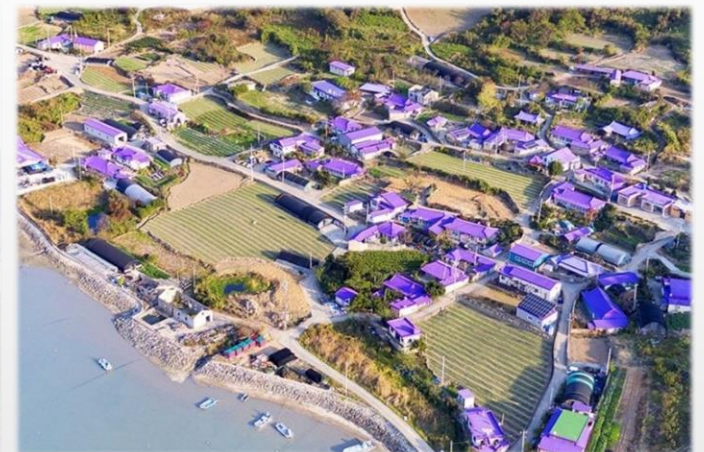


신안군이 전국 최초로 시행한 '청년 어선임대 사업' 중 어선에 대한 취항식을 개최했다. (사진=신안군)

신안군은 최근 임대가 완료된 청년소독 임대어선 2척에 대해 최근 흑산도에서 취항식을 개최했다. 민선7기 지난 2019년에 시행된 본사업은 어업에 종사하고 싶어도 여건상 어려운 청년 어업인에게 어업기반을 확보해주기 위해 추진된다.

6. Shinan that secures sustainability of islands through color marketing

< Local branding as a hope in the vanishing city >



▶ Create a positive image

▶ Make tourism products by taking advantage of local places
(world's best tourism town, islands that you'd like to visit, etc.)

▶ Respond to population extinction by reinvigorating the local economy



7. 1 Museum per 1 Island in Shinan to bask in its best culture

Floating Museum (Anjwado Island)

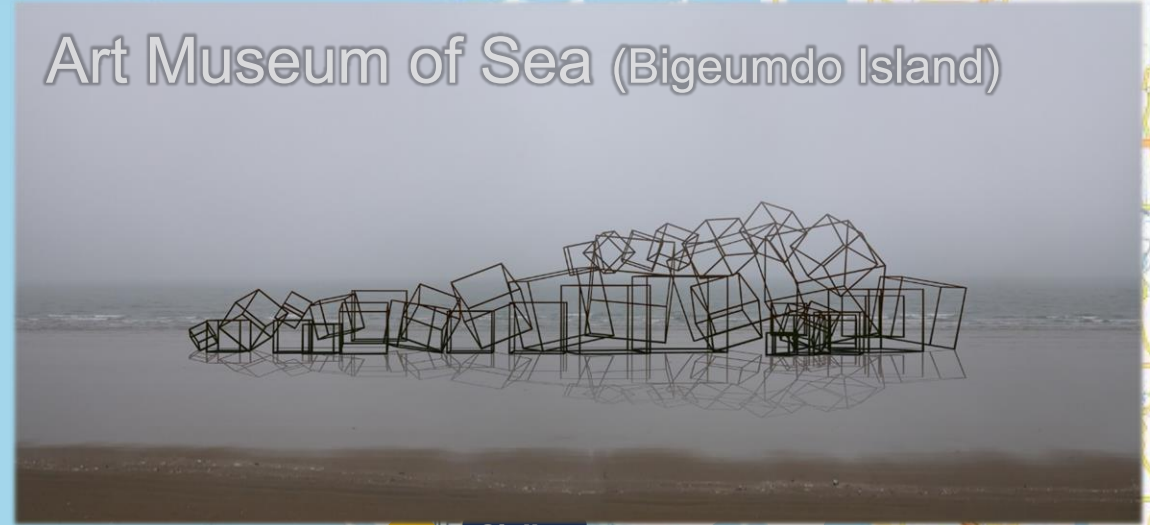


9 하의 야외조각미술관
10 안좌 세계화석광물박물관

Infinito Museum (Jaeundo Island)



Art Museum of Sea (Bigeumdo Island)

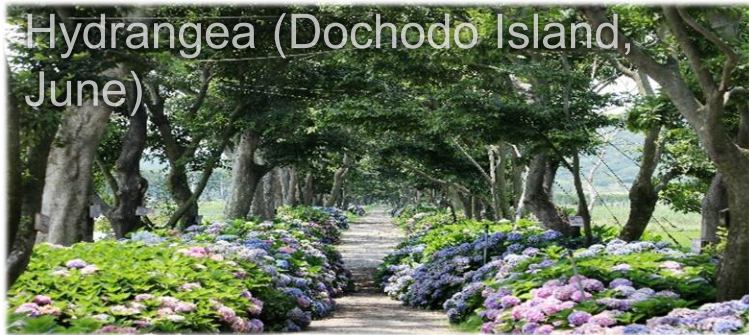


11 암태도

Art Museum of Land (Dochodo Island)



8. Shinan w/ flowers in full broom around the year and islands that you'd like to visit

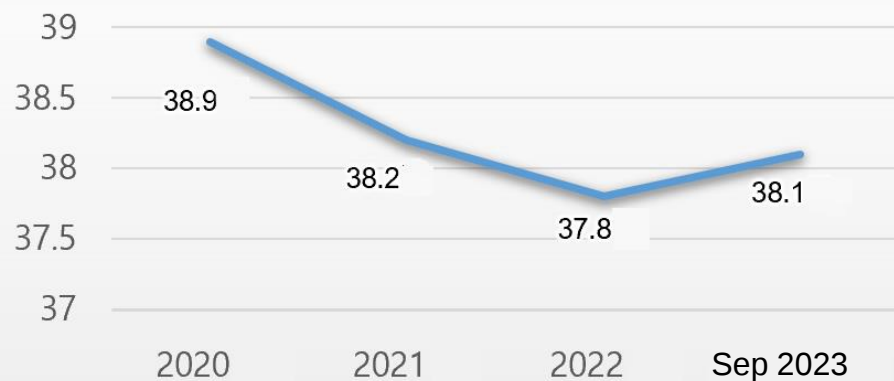


Sustainable Shinan that leads local governments

Coexistence of Sunlight, Winds, Tidal Flats and Human



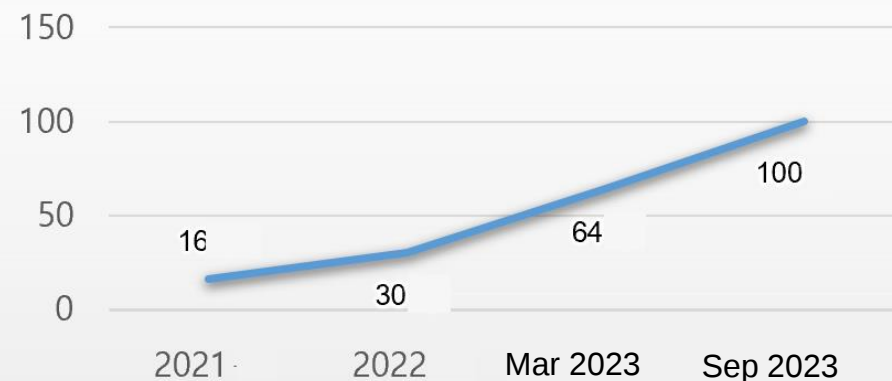
< Population Influx, Job Creation, Expansion of Social Infrastructure, revitalizing Shinan >



— No. of Population (1,000 people)



— No. of the self-employed (1,000 people)



— Amount of Sunshine Pension Paid (100 mil. KRW)



— No. of Tourists (10,000 people)

1004^원 시스

Thank You