

FIS4SDGs: Engaging government and citizens with the SDGs

Linda Peters, Esri



Vision

GIS
Is Enabling a
Sustainable World

OUR WORLD

Is Increasingly Challenged

The Evidence Is Clear...
We Need Better Understanding...
...and More Collaboration
...and Action

The image features a stylized globe with a blue and green color palette, overlaid with a network of white lines and dots. Several colored rectangular boxes are positioned around the globe, each containing a label for a global challenge. The labels are: Loss of Nature (orange), Population (orange), Urbanization (blue), Inequality (blue), Consumption (purple), Migration (purple), Social Conflict (green), Food (green), Political Polarization (dark blue), Water (light blue), Energy (light blue), Climate Change (orange), Biodiversity (green), Pollution (purple), and Natural Disasters (purple). The background is a gradient of blue and purple with a subtle pattern of white dots.

OUR WORLD

Is Undergoing a Massive Digital Transformation

The image shows a globe with a digital network overlay, consisting of white lines and dots connecting various points across the globe. The background is a gradient of blue and purple, with a subtle pattern of white dots. The globe itself is rendered in a realistic style with green landmasses and blue oceans.

GIS Provides a Platform

For Managing, Analyzing, and Applying
Geographic, Statistical & Imagery Information

Integrating People,
Processes, Things,
and Data About Them

System of Record

System of Engagement

System of Insight

Using the Power of Where
to Integrate Everything

Information Systems are Becoming Distributed

A New Architecture Is Emerging

Enabling integrated
collaboration and
coordination

Dynamic
Systems-of-Systems

Enabled by Portals . . .
. . . Abstracting Distributed Data and Analytics

New Types of Data Collaborations Are Emerging

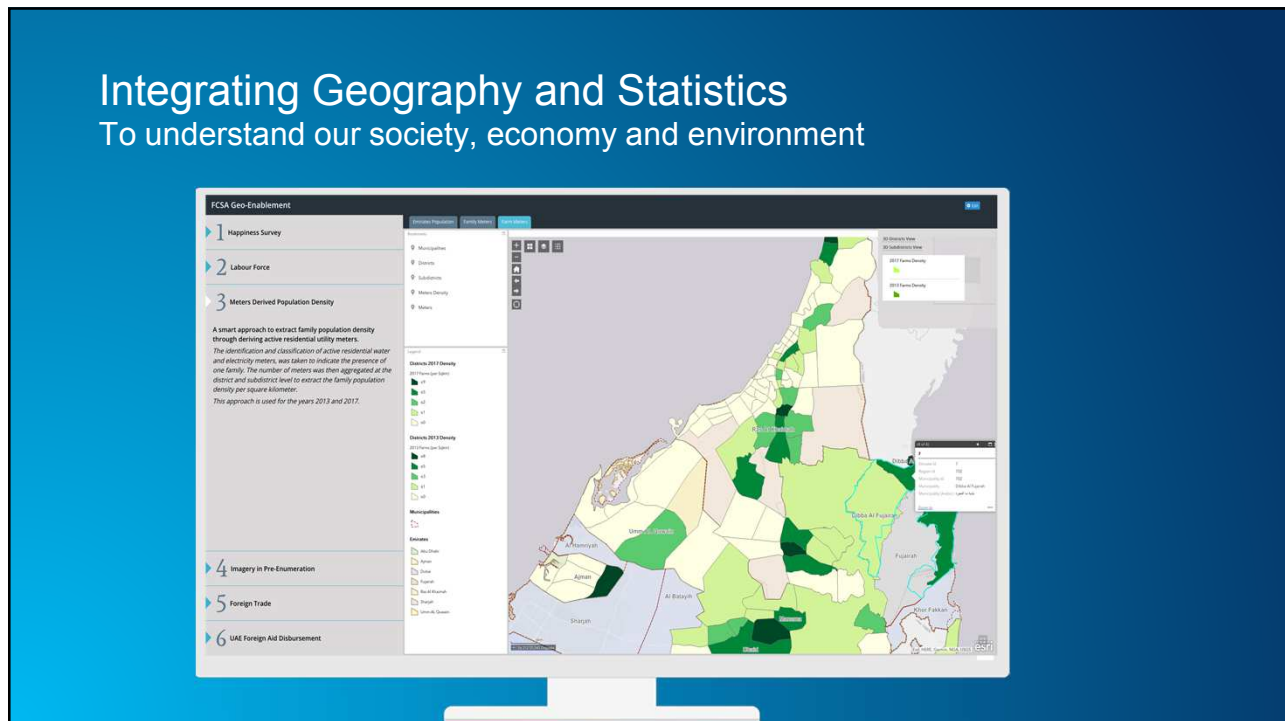
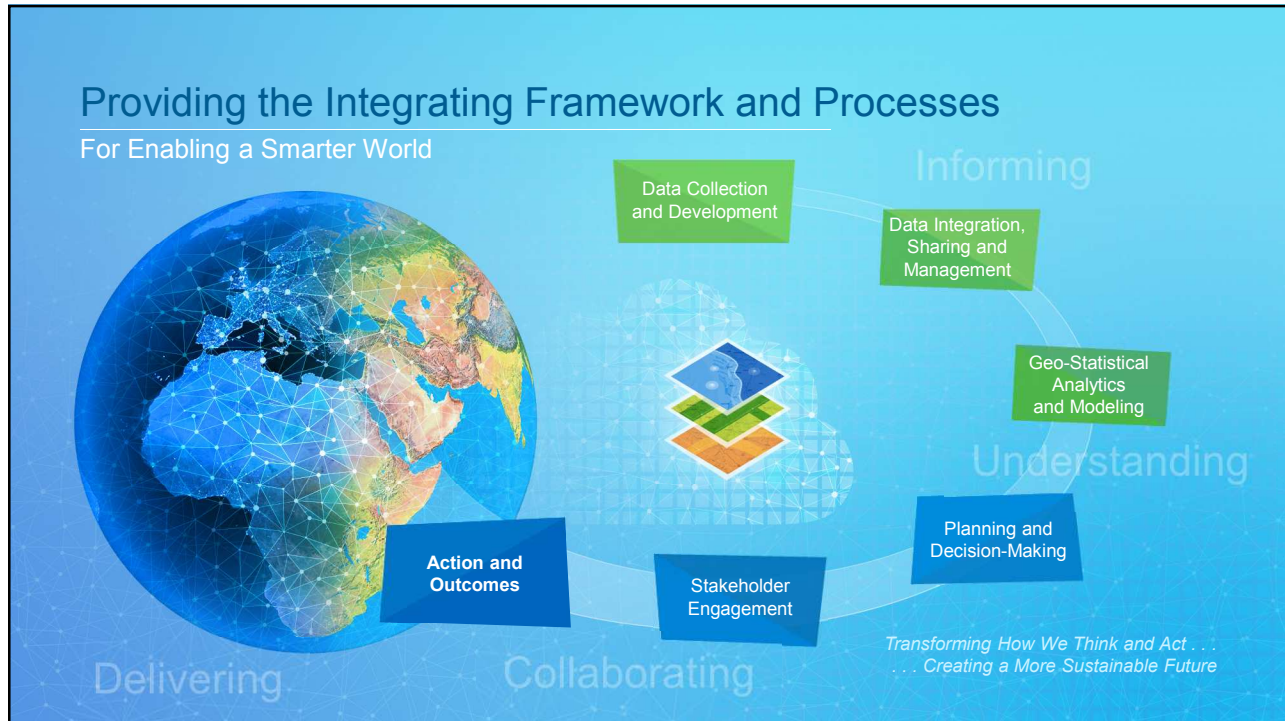
Connecting Individuals, Organizations and Communities



Web GIS Simplifies Working With All Types of Data

Using Web Maps, Scenes, and Layers







Web GIS Has Enabled a network of SDG Hubs worldwide

UN DataHUB

Welcome to the Open SDG Data Hub

To fully implement and monitor progress on the Sustainable Development Goals, decision makers everywhere need data and statistics that are accurate, timely, sufficiently disaggregated, relevant, accessible and easy to use. This open data network promotes the exploration, analysis and use of authoritative SDG data sources for evidence-based decision making and advocacy. Its goal is to enable data providers, managers and users to discover, understand, and communicate capacity and interrelationships in the wealth of SDG data and statistics that are now available.

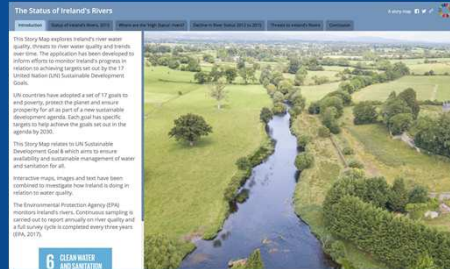
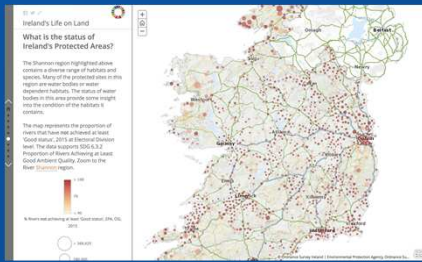
UN SDG Hub Network

- Partner: Palestine Central Bureau of Statistics
- Partner: Philippine Statistics Authority
- Partner: Instituto Nacional de Estadística y Geografía (INEGI)
- Partner: Federal Competitiveness & Statistics Authority
- Partner: Central Statistics Office & Ordnance Survey Ireland

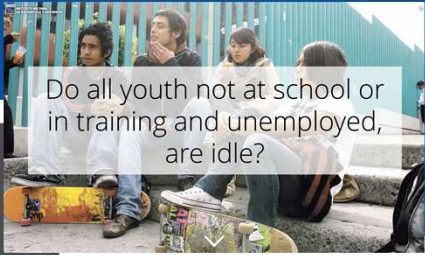
A Global SDG Hub ...

... and a Network of National SDG Hubs

Ireland



Mexico



Palestine

Explore our data for Sustainable Development Goals. Click on an icon below to access spatial indicator.

SDG Code	Indicator	2015	2016	2017	2018	2019
1	No Poverty	24.1	24.1	24.1	24.1	24.1
2	Zero Hunger	22.2	22.2	22.2	22.2	22.2
3	Good Health and Well-being	28.2	28.2	28.2	28.2	28.2
4	Quality Education	22.4	22.4	22.4	22.4	22.4
5	Gender Equality	22.5	22.5	22.5	22.5	22.5
6	Clean Water and Sanitation	22.6	22.6	22.6	22.6	22.6
7	Affordable and Clean Energy	22.7	22.7	22.7	22.7	22.7
8	Decent Work and Economic Growth	22.8	22.8	22.8	22.8	22.8
9	Industry, Innovation and Infrastructure	22.9	22.9	22.9	22.9	22.9
10	Reduced Inequalities	22.10	22.10	22.10	22.10	22.10
11	Sustainable Cities and Communities	22.11	22.11	22.11	22.11	22.11
12	Responsible Consumption and Production	22.12	22.12	22.12	22.12	22.12
13	Climate Action	22.13	22.13	22.13	22.13	22.13
14	Life Below Water	22.14	22.14	22.14	22.14	22.14
15	Life on Land	22.15	22.15	22.15	22.15	22.15
16	Peace, Justice and Strong Institutions	22.16	22.16	22.16	22.16	22.16
17	Partnerships for Sustainable Development	22.17	22.17	22.17	22.17	22.17

Using Web GIS

...Bringing together community focused on goal-target and indicators

Gender Story Map initiative

Collaboration group for the creation of a multi-country "gender story map." owned by unstats_admin

Description

This group brings together a multi-disciplinary team of experts from National Statistical Offices, United Nations Statistics Division, and Esri to collaborate on the creation of a multi-country "gender story map." The immediate objective is to demonstrate how the geospatial perspective can enrich the analysis of gender indicators and provide additional insights for policy makers. Furthermore, this initiative will contribute to ongoing work to improve the communication of gender indicators using web-GIS technologies, including through the establishment of a dedicated collaborative group, with the possible participation of additional countries, and leveraging the tools and capabilities that become available through the FIS4SDGs initiative.

Latest Content

- Female representation in p... by sdgraland_curator
- Women's economic empow... by unstats_admin
- Gender Story Map by unstats_admin
- Breaking the poverty chain... by fco_mendoza_unsd

Details

Created: September 11, 2016
 Viewable by: Only group members
 Contributors: Members
 17 members, 101 followers

Owner

unstats_admin

Membership

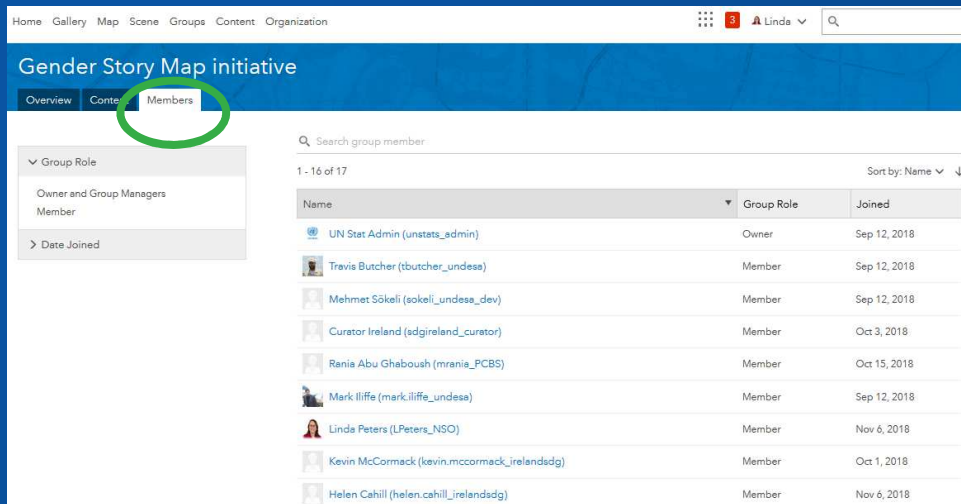
✓ You are a member

Tags

gender, Story Map, gender statistics

Invited those with interest to join

Bring together community focused on gender statistics



Home Gallery Map Scene Groups Content Organization

Gender Story Map initiative

Overview Content **Members**

Group Role

- Owner and Group Managers
- Member

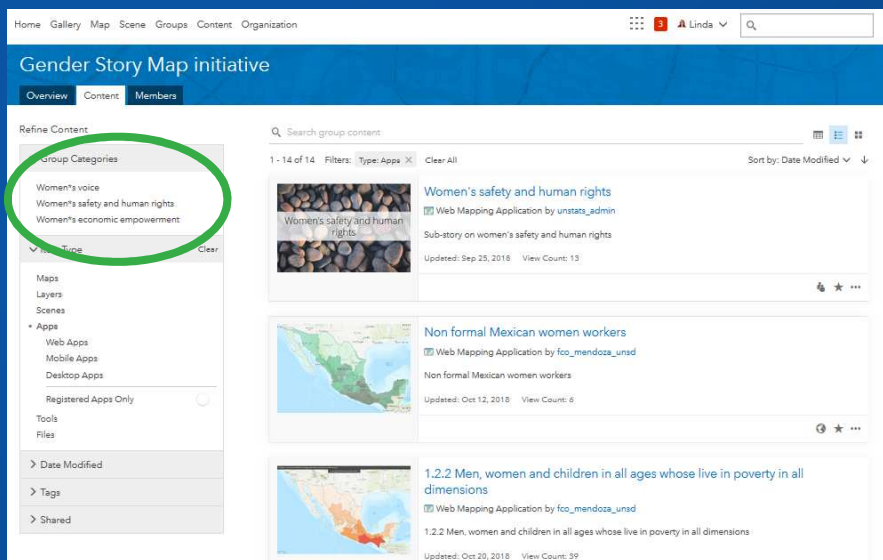
Date Joined

Search group member

1 - 16 of 17 Sort by: Name ↓

Name	Group Role	Joined
UN Stat Admin (unstats_admin)	Owner	Sep 12, 2018
Travis Butcher (tbutcher_undesa)	Member	Sep 12, 2018
Mehmet Sokeli (sokeli_undesa_dev)	Member	Sep 12, 2018
Curator Ireland (sdgireland_curator)	Member	Oct 3, 2018
Rania Abu Ghaboush (mrانيا_PCBS)	Member	Oct 15, 2018
Mark Illiffe (mark.illiffe_undesa)	Member	Sep 12, 2018
Linda Peters (LPeters_NSQ)	Member	Nov 6, 2018
Kevin McCormack (kevin.mccormack_irelandsdg)	Member	Oct 1, 2018
Helen Cahill (helen.cahill_irelandsdg)	Member	Nov 6, 2018

Country Led - configuring data and apps



Home Gallery Map Scene Groups Content Organization

Gender Story Map initiative

Overview Content **Members**

Refine Content

Group Categories

- Women's voice
- Women's safety and human rights
- Women's economic empowerment

Maps

- Layers
- Scenes

Apps

- Web Apps
- Mobile Apps
- Desktop Apps

Registered Apps Only

Tools

- Files

Date Modified

Tags

Shared

Search group content

1 - 14 of 14 Filters: Type: Apps X Clear All Sort by: Date Modified ↓

Women's safety and human rights

Web Mapping Application by unstats_admin

Sub-story on women's safety and human rights

Updated: Sep 25, 2018 View Count: 13

Non formal Mexican women workers

Web Mapping Application by fco_mendoza_unsd

Non formal Mexican women workers

Updated: Oct 12, 2018 View Count: 6

1.2,2 Men, women and children in all ages whose live in poverty in all dimensions

Web Mapping Application by fco_mendoza_unsd

1.2,2 Men, women and children in all ages whose live in poverty in all dimensions

Updated: Oct 20, 2018 View Count: 39

Country Led - configuring data and apps

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Overview Content Members

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1 - 14 of 14 Filters: Time Range: All Time Sort by: Date Modified

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Story Map Template

Gender Story Map

A Story Map    

Introduction Women's Voice Women's safety and human rights Women's economic empowerment

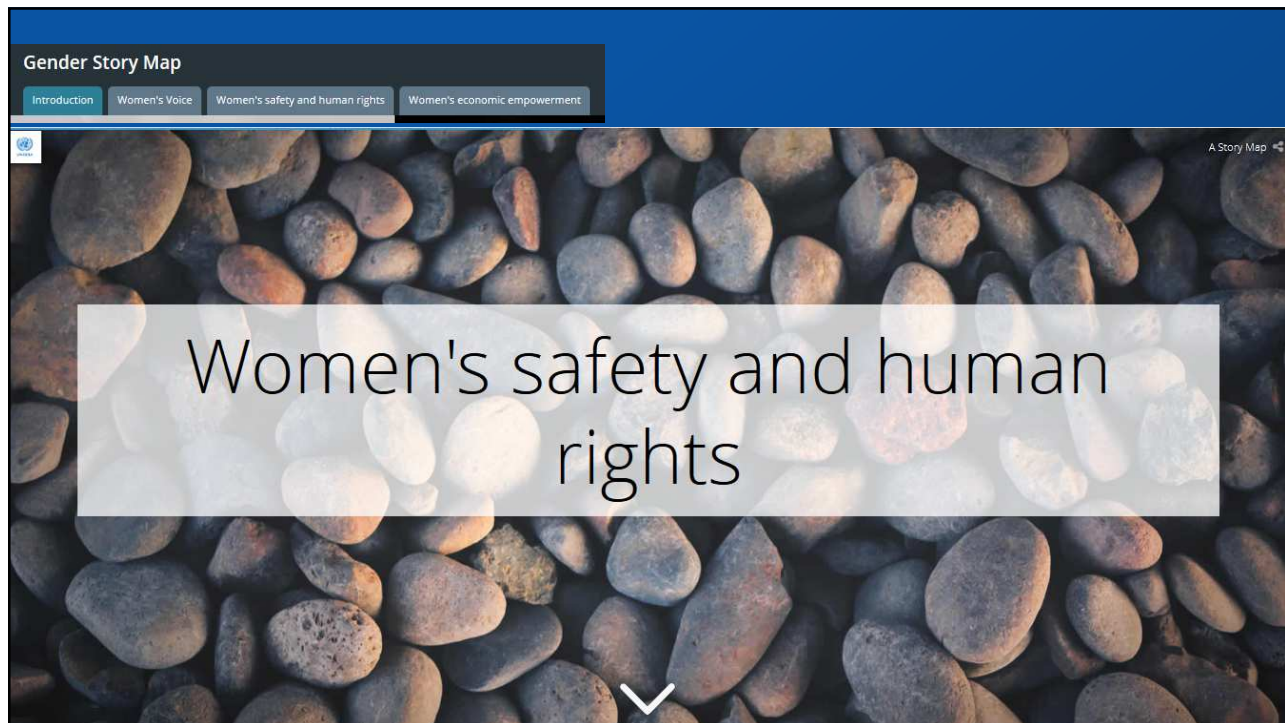
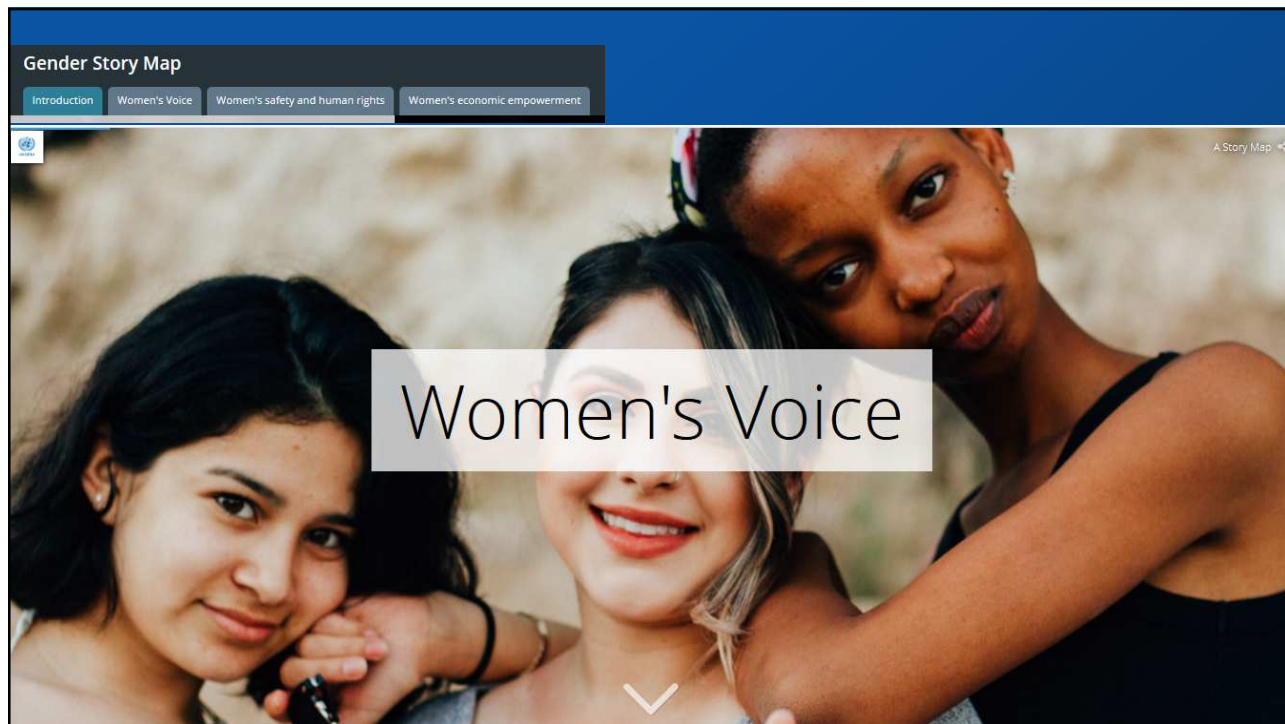
In 2016, all Member States of the United Nations adopted 17 Global Goals to end poverty, protect the planet and ensure prosperity for all as part of a new 2030 Agenda for Sustainable Development.

This **Gender Story Map** showcases how the geospatial perspective can enrich the analysis of gender indicators to follow-up and review progress towards achieving the 2030 Agenda.

It highlights challenges and progress towards the achievement of the Sustainable Development Goals and Targets, providing insights from global, national and sub-national data on three main pillars of gender, namely:


1. Women's economic empowerment
2. Women's voice
3. Women's safety and human rights.





Gender Story Map

Introduction Women's Voice Women's safety and human rights Women's economic empowerment




Women's economic empowerment

A Story Map

Gender Story Map

Introduction Women's Voice Women's safety and human rights Women's economic empowerment

Women's Voice

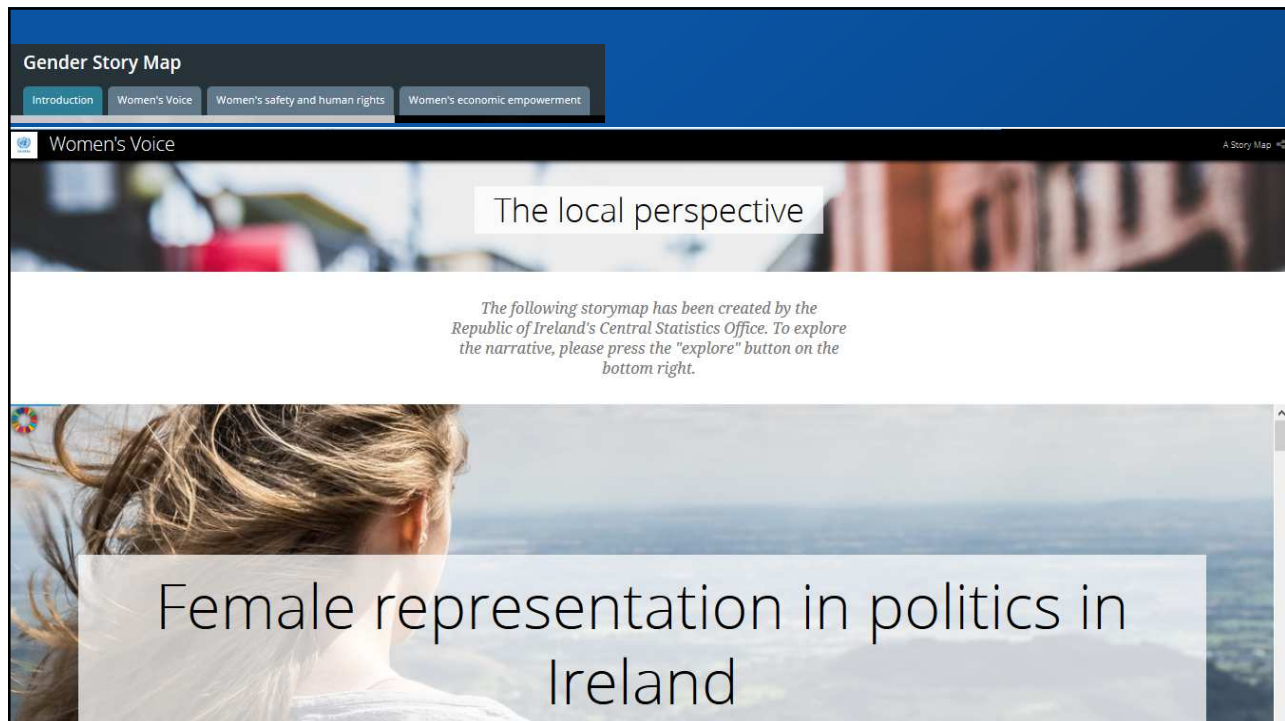


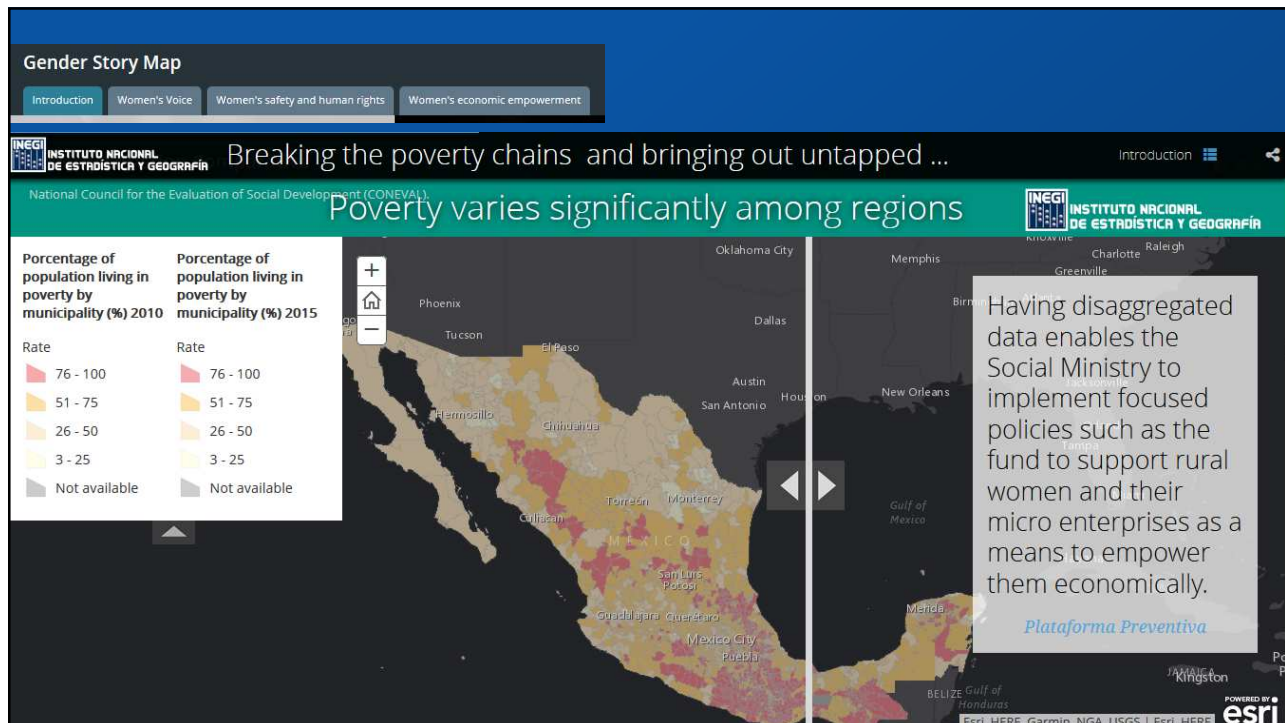
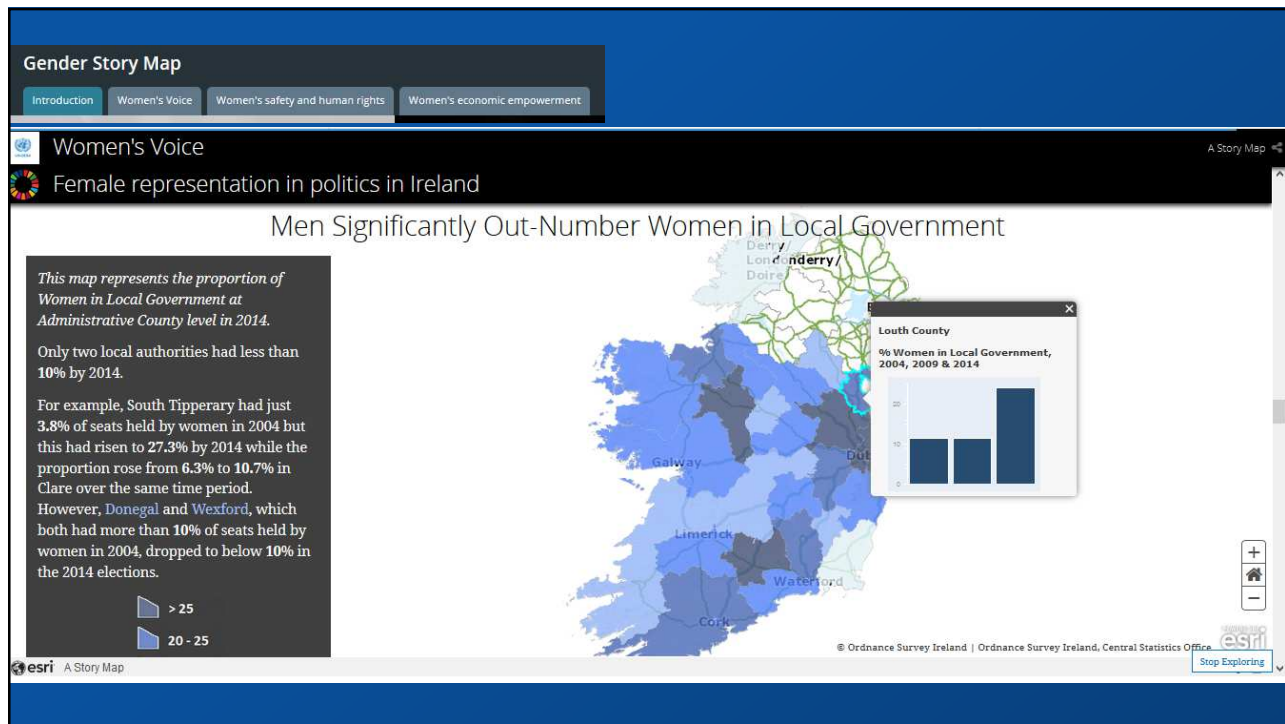
Women's participation in public discourse has intrinsic value for social change and progress

Established evidence reveals that when at least 25 percent of members of parliament are women, laws that discriminate against women are more likely to be repealed (Hallward-Driemeier, Hasan and Rusu, 2013).

Among developing countries, those with higher shares of women parliamentarians are more likely to pass comprehensive laws on sexual harassment, rape, divorce and domestic violence (Asiedu et al., 2018).

A Story Map





Gender Story Map

Introduction | Women's Voice | Women's safety and human rights | Women's economic empowerment

INEGI INSTITUTO NACIONAL DE ESTADÍSTICA Y GEOGRAFÍA

Breaking the poverty chains and bringing out untapped ...

Poverty and informality are geographically correlated

Entidad	Indicador	Valor	Valor	Valor
Baja California		38.05	41.35	3.30
Baja California Sur		48.38	38.24	9.14
Campeche		62.37	61.84	0.53
Coahuila de Zaragoza		40.24	33.64	6.60
Colima		56.99	45.08	10.91
Chiapas		75.80	81.54	5.74
Chihuahua		34.35	36.15	1.80
Ciudad de México		49.12	47.14	1.98
Durango		52.70	54.49	1.79
Guanajuato		56.07	54.22	2.85
Guerrero		75.71	78.10	2.39
Hidalgo		74.93	75.31	0.37
Jalisco		61.09	49.06	2.03
México		58.38	56.48	1.90
Michoacán de Ocampo		70.78	71.22	0.43
Morelos		63.85	65.28	2.42
Nayarit		63.64	84.14	0.49
Nuevo León		39.55	32.87	6.68
Oaxaca		79.59	81.60	2.01
Puebla		73.16	71.36	1.80
Quintana Roo		47.25	43.18	4.07
Quintana Roo		47.17	45.90	1.27
San Luis Potosí		52.78	56.29	3.51
Sinaloa		51.50	50.55	0.95
Sonora		49.18	41.17	8.01
Tabasco		65.19	65.00	0.20
Tamaulipas		47.61	44.33	3.48
Tlaxcala		73.78	70.82	3.76

TLI

Entidad	TLI
Oaxaca	~85
Chihuahua	~35

Gender Story Map

Introduction | Women's Voice | Women's safety and human rights | Women's economic empowerment

Early Marriage in Palestine

Early Marriage in Palestine

Location

In Urban areas 11.6% of the women in the age 20-24 were married before age 18, 8.0% in the rural areas, and 8.9% in refugee camps in 2017.

Number of Live Births for the women in the age 20-24 who were married before age 18:

According to the population housing and establishments census 2017, the results showed 54,130 births in Palestine (42.6% of them in the West Bank and 57.2% in Gaza strip) were born to those women, in average 2.3 per women, which is high for this age group.

Early Marriage is Decreasing

Year	West Bank	Gaza Strip	Palestine
1997	27.1	31.7	30.3
2007	18.0	19.6	16.8
2017	8.5	13.8	10.8

The pieces are fitting into place...

Technology

Process

People



...Creating a Platform for Managing our Future

Geospatial Way to a Better Future

Federated Information System for the SDGs



