

China's global economic activities: Research results in WebGIS

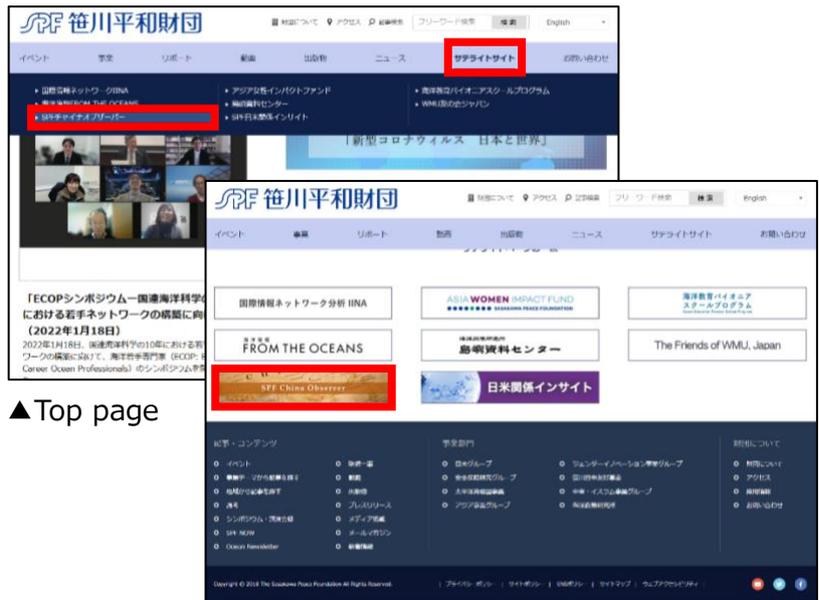
Basic Manual



THE SASAKAWA PEACE FOUNDATION

<https://www.spf.org/en>

Select "SPF China Observer" from "Satellite Website" on the top page or click on the "SPF China Observer" banner shown at the bottom of the top page.



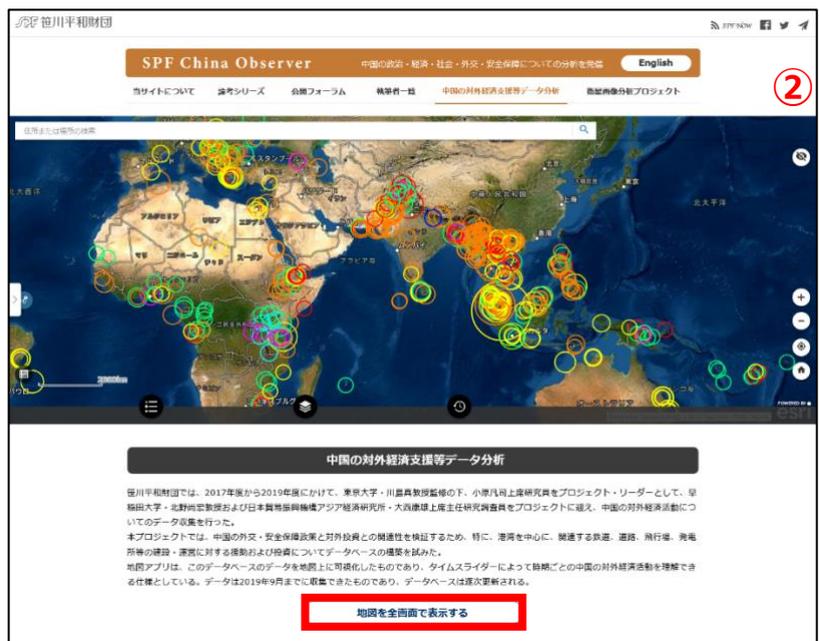
▲ Top page

▲ Bottom of the top page

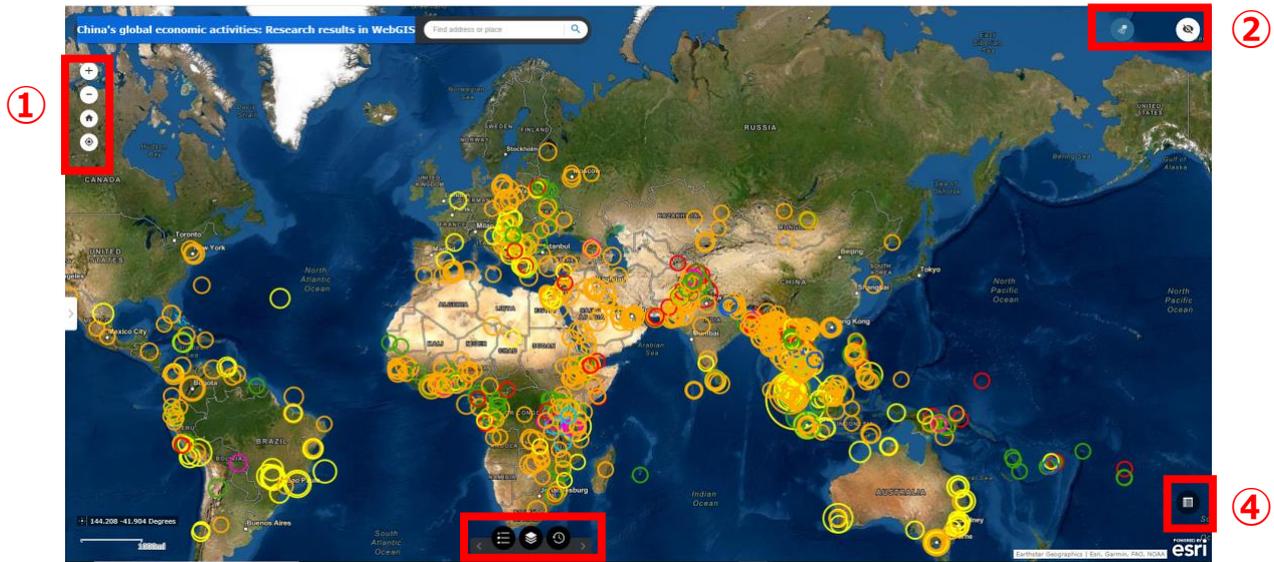
Click on "Data analysis of China's foreign economic assistance, etc."



Click on "Display the map in full screen."



Details of icon

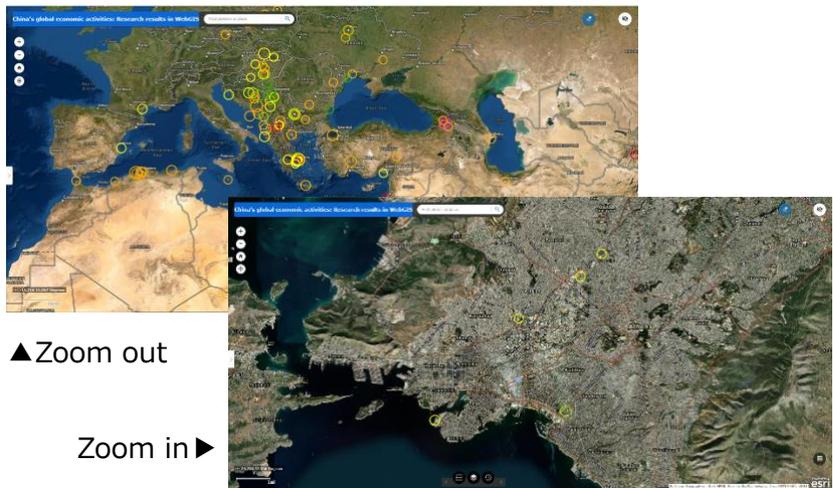


①		Zoom in	Enlarge the displayed map.
		Zoom out	Shrink the displayed map.
		Default display range	Return to the default display range.
		Current location	The screen shifts to the map centered on the current location. *You need to allow access to location information.
②		Attribute hover display	Hover the cursor over a point to display its attributes. *Blue means visible, black means not visible.
		Display of schematic view	Displays a small-scale map in a separate frame.
③		Legend	Displays a legend.
		Layer List	Displays the layer list.
		Time Slider	Displays the time slider.
④		Attribute Table	Displays the attribute table.

Zoom in·Zoom out

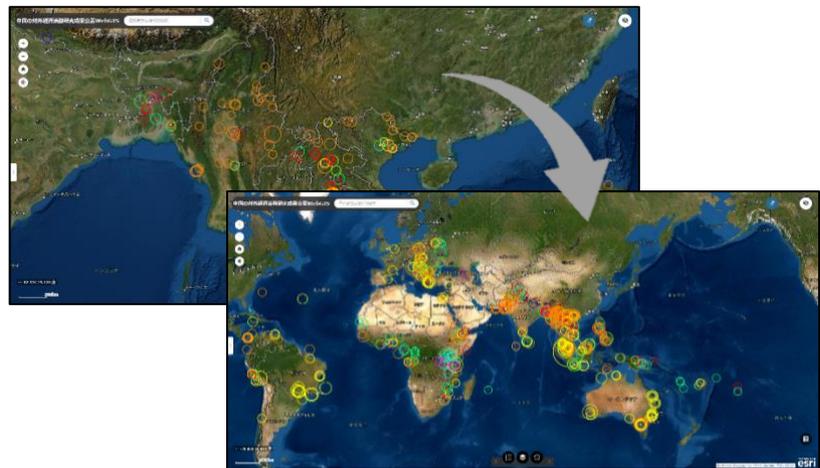
Click on the “Zoom in” or “Zoom out” icon to enlarge or shrink the map to a desirable scale.

The map can also be enlarged or shrunk using the wheel button of the mouse.



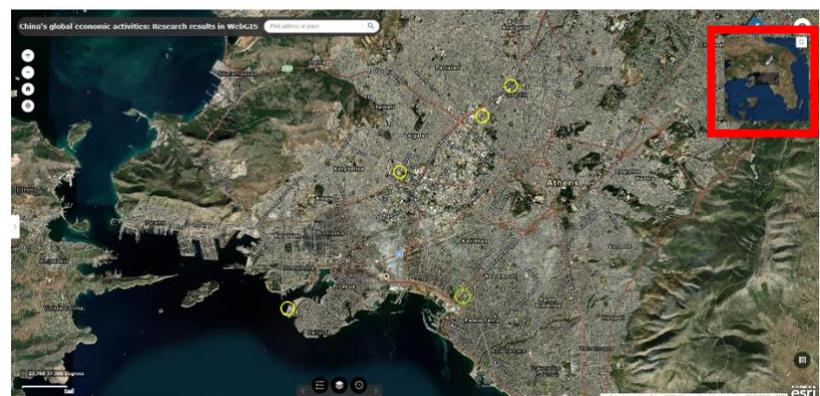
Default display range

Click on the “Default display range” icon to return the map to the default display range centered on the Arabian Sea.



Display of schematic view

Click on the “Display of schematic view” icon to show the schematic view of the map. It shows where the currently displayed area is on the overall map.



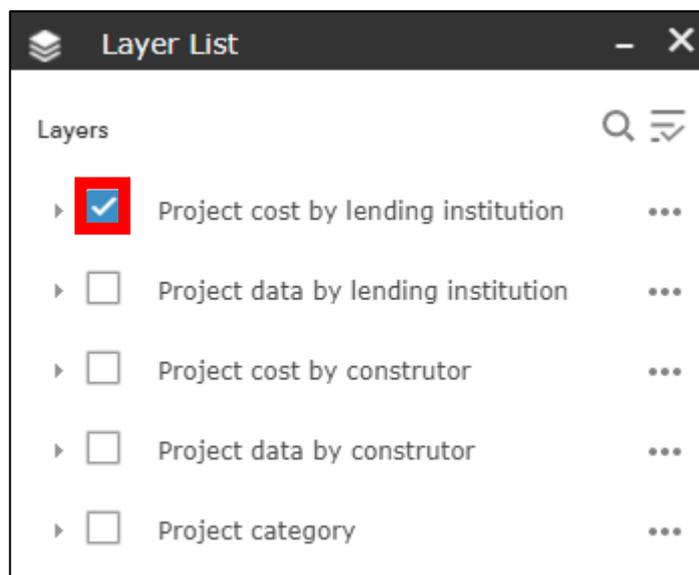
Layer List • Legend

Click on the "Layer List" icon located at the bottom center of the screen to show the pop-up of the layer list.

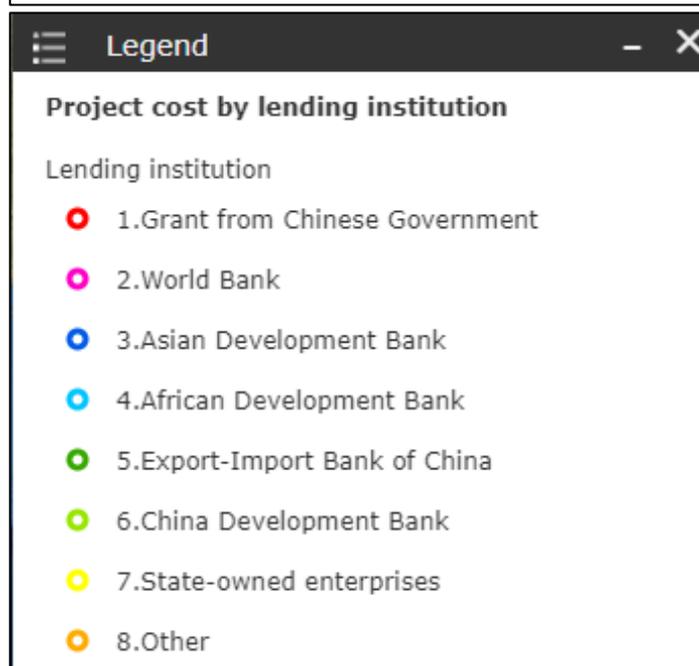


Enter checkmark(s) in Layers of the "Layer List" to show the layer on the map.

Multiple layers can be selected and overlaid.



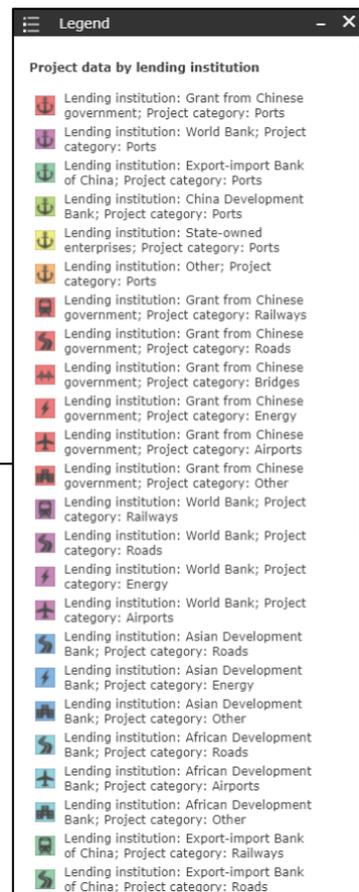
Click on the "Legend" icon located at the bottom center of the screen to show the legend of the layer(s) selected in the Layer List.



▼Project cost by lending institution

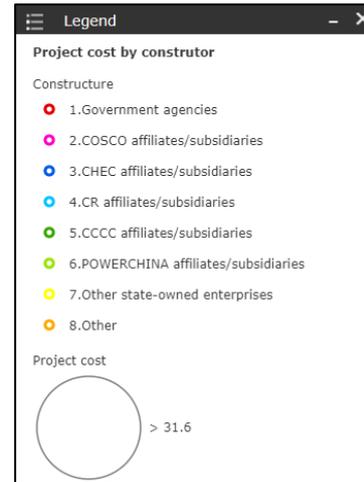
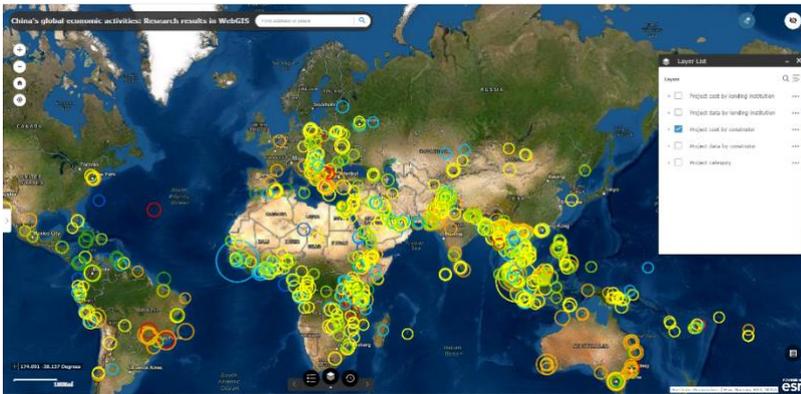


▼Project cost by lending institution

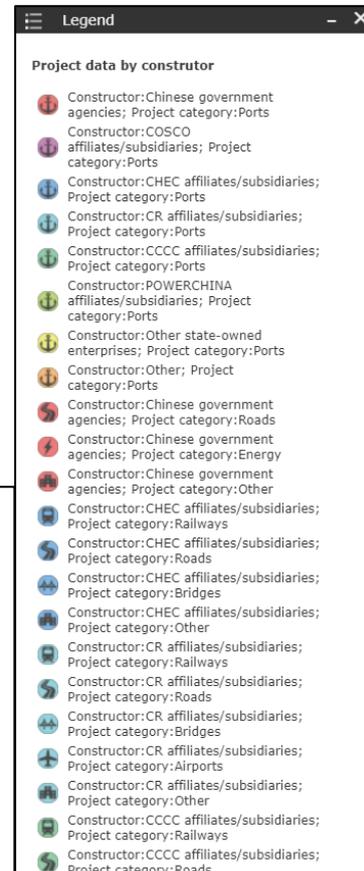


- Lending institution: Export-import Bank of China; Project category: Bridges
- Lending institution: Export-import Bank of China; Project category: Energy
- Lending institution: Export-import Bank of China; Project category: Airports
- Lending institution: Export-import Bank of China; Project category: Other
- Lending institution: China Development Bank; Project category: Railways
- Lending institution: China Development Bank; Project category: Roads
- Lending institution: China Development Bank; Project category: Bridges
- Lending institution: China Development Bank; Project category: Energy
- Lending institution: China Development Bank; Project category: Airports
- Lending institution: China Development Bank; Project category: Other
- Lending institution: State-owned enterprises; Project category: Railways
- Lending institution: State-owned enterprises; Project category: Roads
- Lending institution: State-owned enterprises; Project category: Energy
- Lending institution: State-owned enterprises; Project category: Airports
- Lending institution: State-owned enterprises; Project category: Other
- Lending institution: Other; Project category: Railways
- Lending institution: Other; Project category: Roads
- Lending institution: Other; Project category: Bridges
- Lending institution: Other; Project category: Energy
- Lending institution: Other; Project category: Airports
- Lending institution: Other; Project category: Other

▼Project cost by constructor

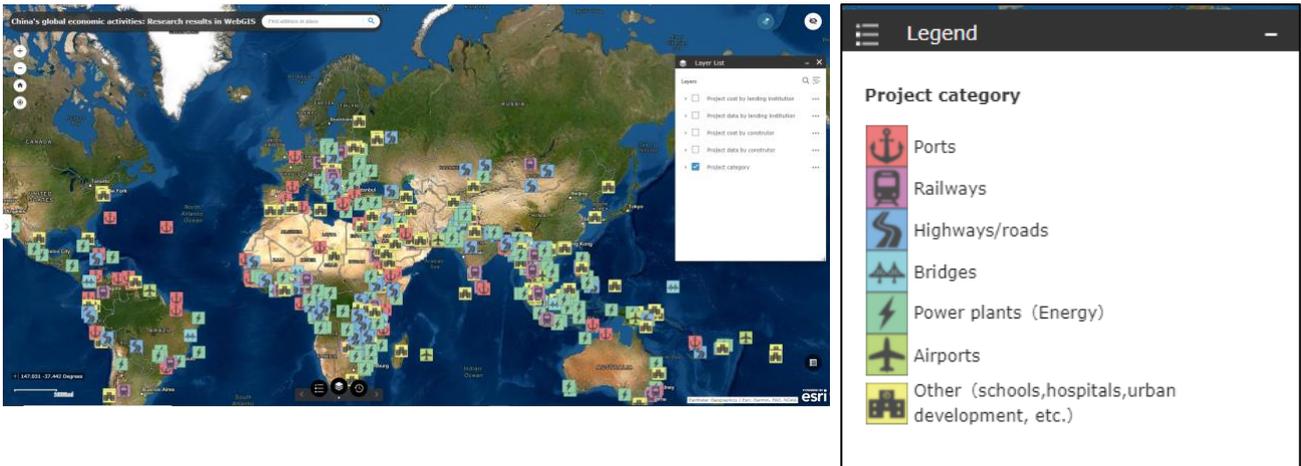


▼Project data by constructor

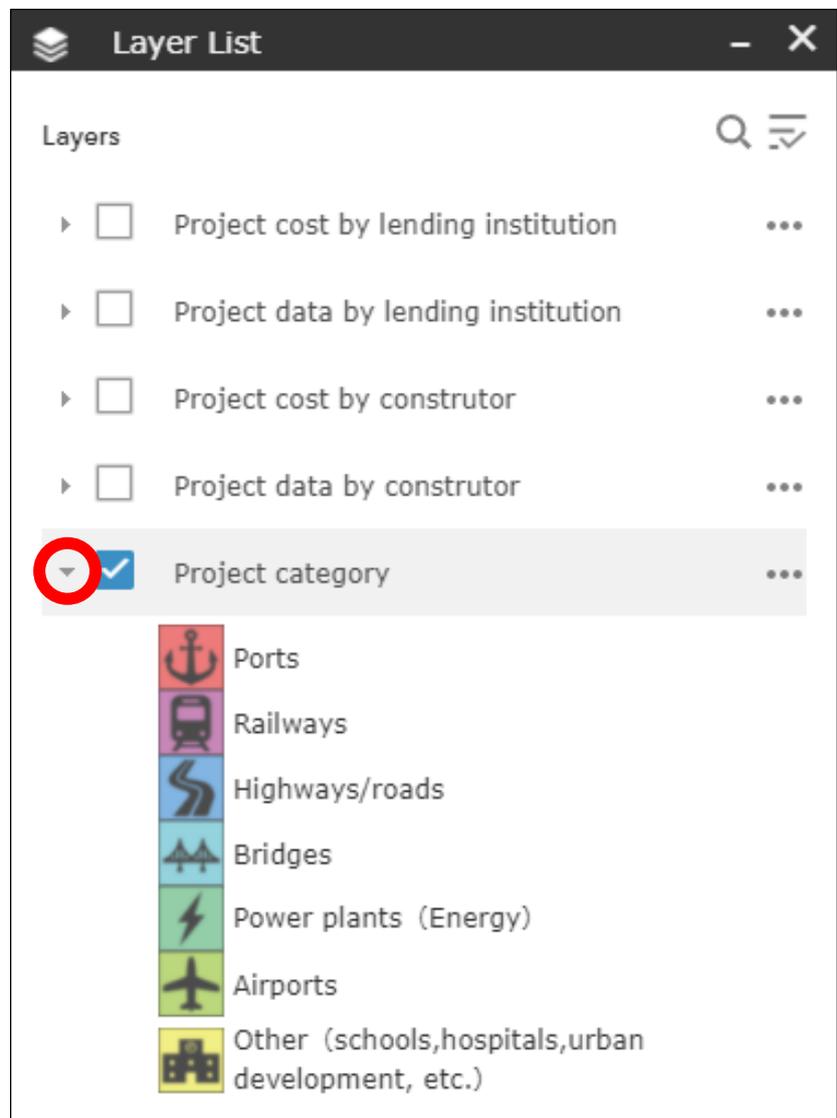


- Constructor:CCCC affiliates/subsidiaries; Project category:Bridges
- Constructor:CCCC affiliates/subsidiaries; Project category:Energy
- Constructor:CCCC affiliates/subsidiaries; Project category:Airports
- Constructor:CCCC affiliates/subsidiaries; Project category:Other
- Constructor:POWERCHINA affiliates/subsidiaries; Project category:Roads
- Constructor:POWERCHINA affiliates/subsidiaries; Project category:Bridges
- Constructor:POWERCHINA affiliates/subsidiaries; Project category:Energy
- Constructor:POWERCHINA affiliates/subsidiaries; Project category:Airports
- Constructor:POWERCHINA affiliates/subsidiaries; Project category:Other
- Constructor:Other state-owned enterprises; Project category:Railways
- Constructor:Other state-owned enterprises; Project category:Roads
- Constructor:Other state-owned enterprises; Project category:Bridges
- Constructor:Other state-owned enterprises; Project category:Energy
- Constructor:Other state-owned enterprises; Project category:Airports
- Constructor:Other state-owned enterprises; Project category:Other
- Constructor:Other; Project category:Railways
- Constructor:Other; Project category:Roads
- Constructor:Other; Project category:Bridges
- Constructor:Other; Project category:Energy
- Constructor:Other; Project category:Airports
- Constructor:Other; Project category:Other

▼Project category



Details of the legend can also be checked by clicking on the down arrow (▼) on the left of the Layer List.



Time Slider

The "Time Slider" function allows you to see the time-series change of the data in animation.

Click on the "Time Slider" icon located at the bottom center of the screen.

The date is displayed, and the animation starts.

For example, the right figure is showing the layer from January 1, 1997 to January 1, 1998.

*The animation changes about every five seconds and the displayed period changes accordingly.



▼January 1,1999 to January 1 2000



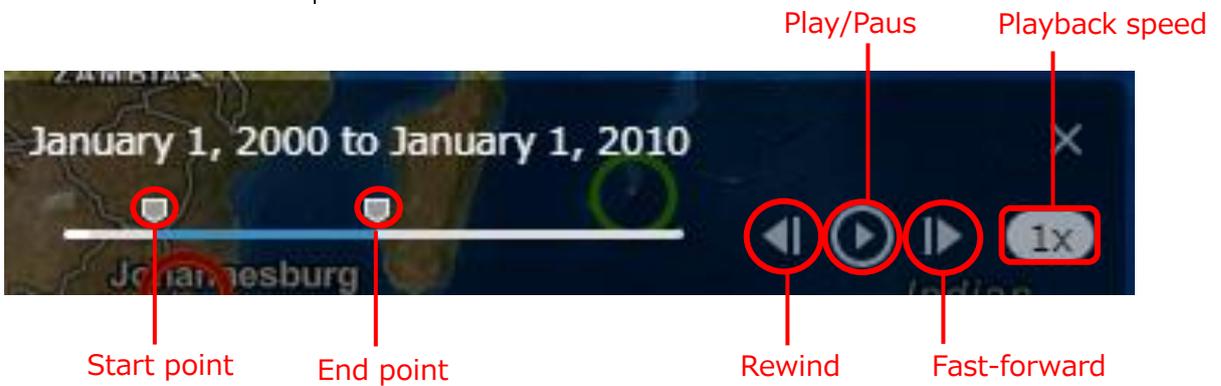
▼January 1,2009 to January 1 2010



▼January 1,2019 to January1 2020



Details can be adjusted by placing the cursor on the displayed date.



The animation period can be adjusted by moving the start point and end point.

Attribute hover display

Click on the "Attribute hover display" icon and hover the cursor over a displayed landmark (maker) to show the attribute information of the landmark.



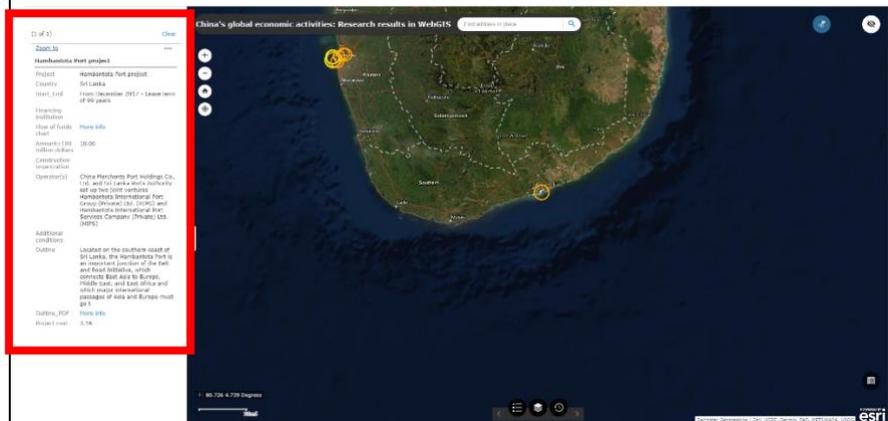
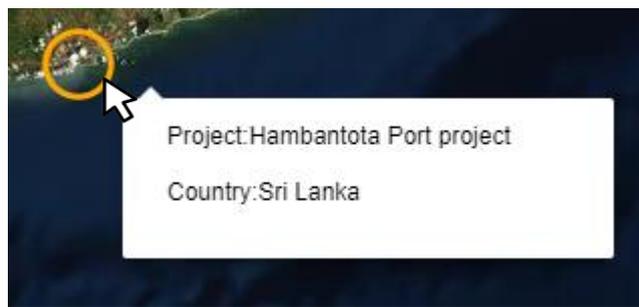
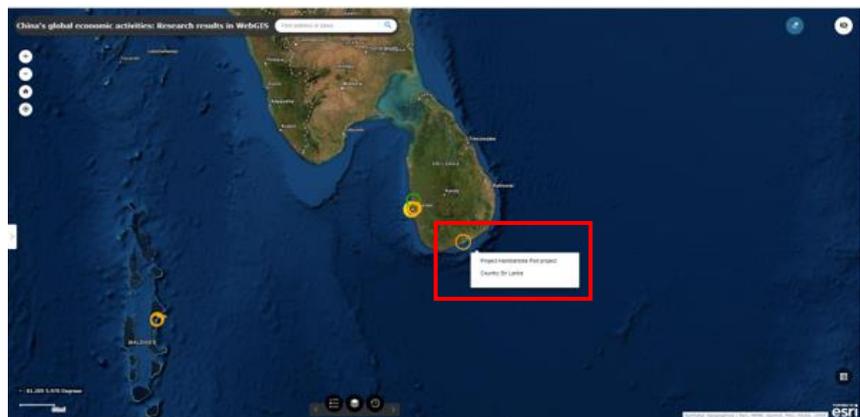
Display



Hide

Click on the displayed landmark (marker) to show its detailed attribute information on the left side of the screen.

*The attribute information can be checked even when the attribute hover is hidden.



Detailed reference information can be checked in a separate window when there is a "More info" link in the "Flow of funds chart" or "Outline_PDF" column.

Click on the "Clear" icon to hide the displayed attribute information.

(1 of 1) Clear

[Zoom to](#) ...

Hambantota Port project

Project: Hambantota Port project
 Country: Sri Lanka
 Start_End: From December 2017 - Lease term of 99 years

Financing institution

Flow of funds chart [More info](#)

Amount x 100 million dollars: 10.00

Construction organization

Operator(s): China Merchants Port Holdings Co., Ltd. and Sri Lanka Ports Authority set up two joint ventures
 Hambantota International Port Group (Private) Ltd. (HIPG) and Hambantota International Port Services Company (Private) Ltd. (HIPS)

Additional conditions

Outline: Located on the southern coast of Sri Lanka, the Hambantota Port is an important junction of the Belt and Road Initiative, which connects East Asia to Europe, Middle East, and East Africa and which major international passages of Asia and Europe must go t

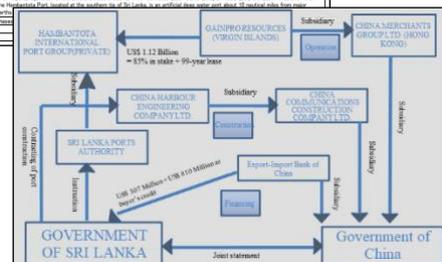
Outline_PDF [More info](#)

Project cost: 3.16

Country	Project	Outline
Sri Lanka	Kandyanur-Kandy highway	Upgrading of 88.82 km of road (including the existing two-lane road into four lanes). The project includes construction of bridges and other structures. It has a quality assurance period of one year and a maintenance period of 100 years.
Sri Lanka	Repeal South Asia Subregional Economic Cooperation (SASEC) road improvement project (Nawagamuwa-Battaramulla road lot and Battaramulla)	The Nawagamuwa-Battaramulla section is 11.3 km long. It is a part of Mahawela Highway, which is the longest highway in Nepal. The Mahawela Highway, 1000 km in total length, is Nepal's most important transport artery that runs through the western part of the country to the same road division.
Sri Lanka	Saraya-Raha Hydroelectric Project (18 MW)	Construction of a 18-MW hydroelectric power plant on the Saraya River using the BODD scheme.
Sri Lanka	Tankula Hydroelectric Project (Package 2: water diversion systems and high-capacity facilities)	An EPC contract for the provision of a 164-MW hydroelectric plant, water diversion systems and high-capacity facilities.
Sri Lanka	Die-1 hydroelectric plant	Construction of Die-1 hydroelectric plant.
Sri Lanka	Die-2 hydroelectric plant	Construction of Die-2 hydroelectric plant.
Sri Lanka	Sagar Taramahshi hydroelectric plant	The Sagar Taramahshi hydroelectric plant uses a radial turbine and has a total installed capacity of 400 MW. It is one of the largest among large hydroelectric plants in Nepal. The hydroelectric plant is expected to begin power generation at the end of 2019, and once operational, it will alleviate a shortage of electricity in Nepal and thus is significant for the country's economic and social development.
Sri Lanka	Mihirale housing project (700 units) in Sri Lanka	Construction of 700 housing units (in three buildings) as a part of AME 3, Subject to Colombo Urban Regeneration Project. The gross building area is approx. 64,000 m ² .
Sri Lanka	Central Railway Line project	Works on Central Railway Line in Sri Lanka.
Sri Lanka	Colombo Airport Expressway	With a total length of 20.5 km, two-way four lanes, and an investment of 200 million dollars, the airport expressway is Sri Lanka's first expressway and also the first road on the country's border.
Sri Lanka	Colombo Port City project	The Colombo Port City project is a key cooperation project between Sri Lanka and China located under the Belt and Road Initiative. The project plans to construct a new city near the capital Colombo by reclaiming land from the sea. The construction of the project began in September 2014 with an estimated investment of 1.8 billion dollars in Phase 1 followed by 12 billion dollars for several developments in Phase 2. After the construction is completed, it will become a high-level integrated function city that integrates finance, tourism, physical distribution, and IT.
Sri Lanka	Colombo South Container Terminal project	The Colombo South Port is located in a strategic position on the Indian Ocean. The terminal retains the ancient harbor and leads to the Strait of Hormuz or Suez corridors for a part of the global marine transport. The Colombo South Container Terminal will serve as a relay terminal for China's marine transport and increase the safety and transport efficiency of marine supply. Because the construction and operation of the project began in 2014 earlier than scheduled, the amount of cargo handled at Colombo Port increased 16% in the year, marking the highest growth rate among 20 container terminals in the world. The amount of cargo handled by CICT (Colombo International Container Terminal Ltd.) increased 7% in 2015 and topped 2 million TEU in 2016, pushing up the growth rate of the amount of cargo handled at the entire Colombo Port to 15%.
Sri Lanka	Hambantota Port project	Located on the southern coast of Sri Lanka, the Hambantota Port is an important junction of the Belt and Road Initiative, which connects East Asia to Europe, Middle East, and East Africa and which major international passages of Asia and Europe must go through. The construction that included the reclamation of 400 hectares in Sri Lanka is an artificial free zone and special Free Trade Zone (Special Economic Zone).
Sri Lanka	Port City (international financial center) project in Colombo	The international financial center project in Colombo.
Sri Lanka	HR-206	The HR-206 project.
Sri Lanka	HR-207	Construction of HR-207 apartments.
Sri Lanka	HR-208	Construction of HR-208 apartments.

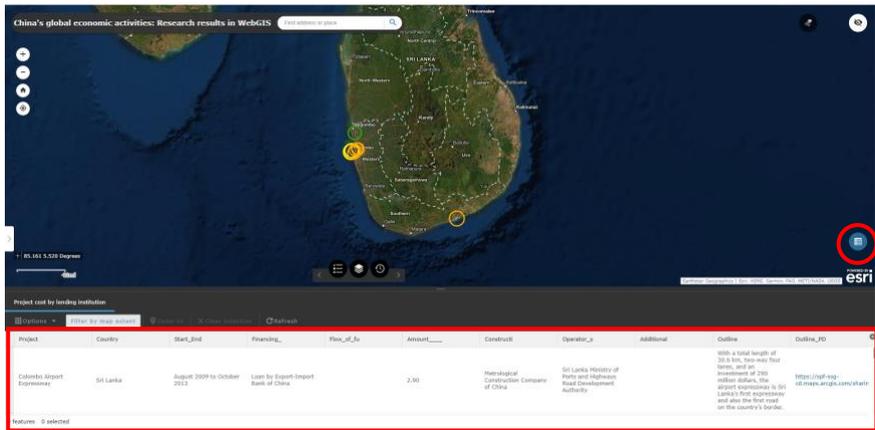
▲ Outline_PDF

Flow of funds Chart ▶

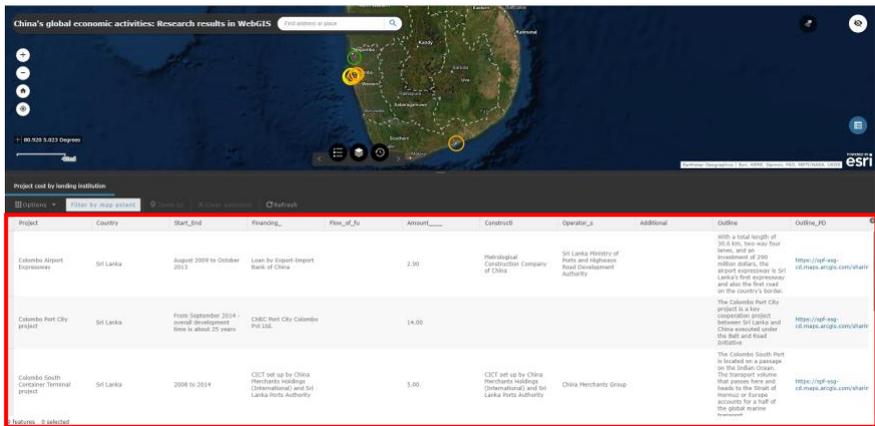


Attribute Table

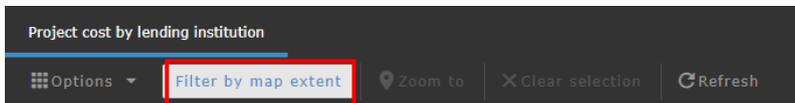
Click on the "Attribute Table" icon to show a list of attribute information of the landmarks (markers).



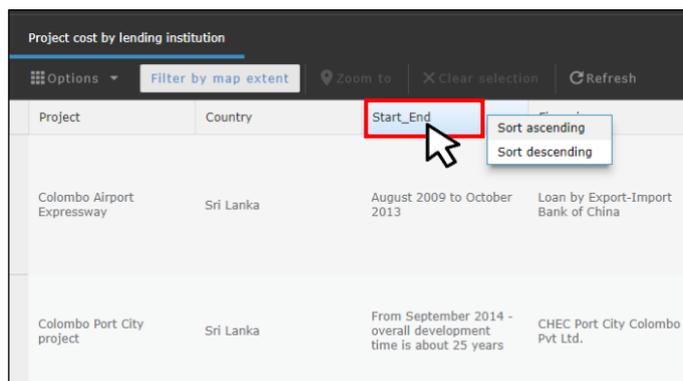
The display width of the attribute table can be adjusted by clicking and dragging the top of the attribute table up & down.



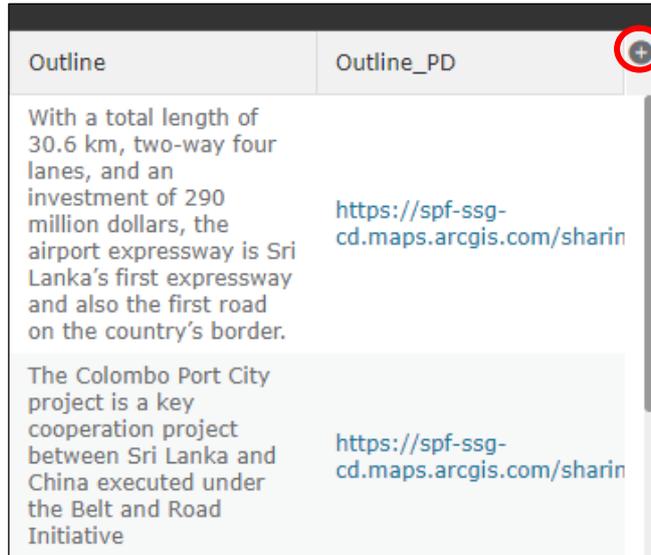
When the "Filter by map extent" is enabled, only the attribute information of the landmark in the currently displayed map will be listed.



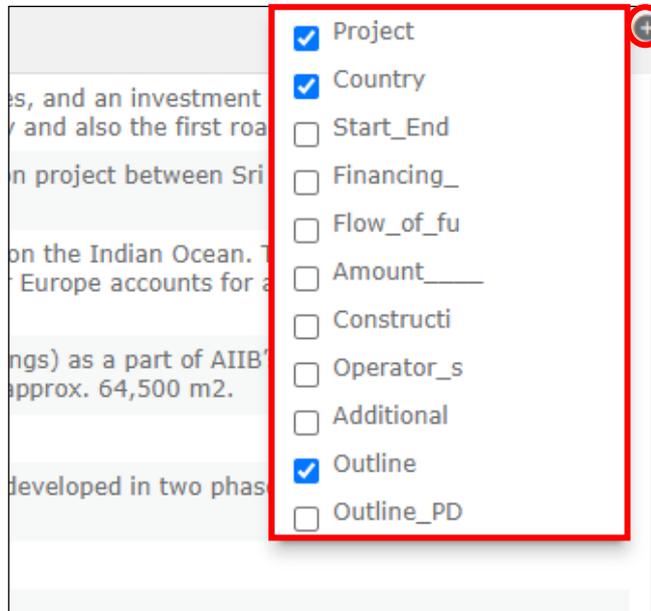
Click on the desired item to list data in an ascending or descending order.



Click on the “+” icon on the upper right of the attribute table to select attribute items to show.



Enter checkmarks for necessary items to show only those selected items.



Click on the “+” icon again to close the check screen.

Checkmarks are entered only in the “Project,” “Country,” and “Outline” in the right figure.

