

# marine debris removal in the caspian sea



wild files vol. 12



#### situation 2016 • Kazakhstan

#### Tengizchevroil (TCO) a joint venture partnership formed in 1993

between the Republic of Kazakhstan and Chevron, began development of its **Future Growth Project-Wellhead Pressure** 

Management Project (FGP-WPMP), the next phase of expansion of the Tengiz Field—the world's deepest producing super-giant oil field. Supporting and enhancing habitats for

endangered species was at the forefront of

their environmental planning and management strategies as TCO began development of FGP-WPMP. 71 kilometers

## Largest enclosed

the caspian sea

inland body of water on Earth.

Bordered by Kazakhstan, Russia, Iran, Azerbaijan, and Turkmenistan.

a cargo transportation route to be constructed.

The project required

#### to the Provra port, the location

from the Northern Caspian basin

of a cargo offloading and

storage facility



"Ghost nets" are abandoned fishing nets commonly included in this debris. They can entangle...

The Caspian Sea, like many large bodies

of water, is plagued with marine debris.

- caspian seals sturgeons endangered critically endangered



with FGP-WPMP.



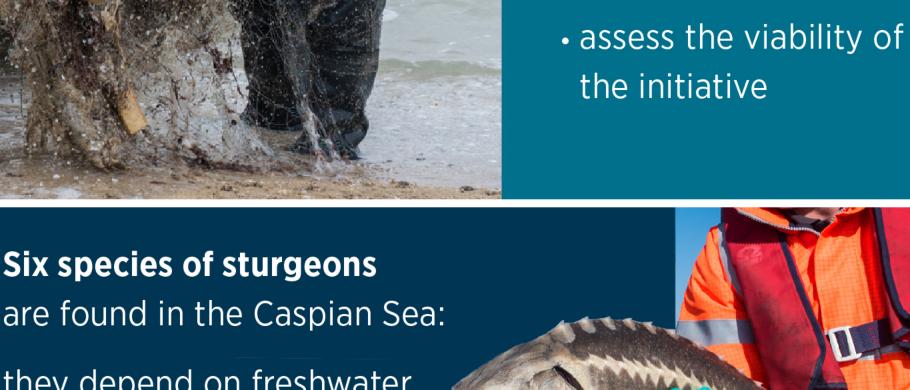


### as one of the key initiatives for its biodiversity action plan associated

TCO conducted a pilot debris removal project in October 2017 with support from: Kazakhstan's Mangystau Oblast Ghost Fishing Foundation,

**Territorial Inspectorate of** an international non-governmental **Forestry and Wildlife** organization (NGO)

The pilot mission enabled the team of Kazakhstani inspectors and NGO



- workers to: practice marine debris removal techniques test equipment
- they depend on freshwater they use rivers feeding into the Caspian Sea for reproduction

First appeared during the Jurassic

period, over 150 million years ago.

can live to be

100

years old

Six species of sturgeons



sturgeons

53 live

sturgeon

of these efforts

results Marine debris removal activities conducted at sea and along the shoreline

retrieved over 3,000 kilograms (6,613 lbs) of marine debris.

Female sturgeons are highly prized for their unfertilized eggs,

which are pickled and sold as caviar.

were released recycled recycling was disposed and used to create from ghost nets as part

concrete for road and

pavement repair

suitable

debris was

**3-5** 

feet long

#### Future activities will include removal of ghost nets and other debris found in the northeast Caspian Sea and its shoreline.

50 meters (164 feet) Diet includes sculpins, gobies, herring, carp, smelt, and crustaceans.

caspian seals

can dive up to

weigh 70-110 pounds

debris not

suitable for

of properly

