

# Renewable energy in Pakistan

Sentinel-2 MSI acquired on 29 August 2016 at 05:46:42 UTC  
Sentinel-1 CSAR IW acquired on 02 August 2017 at 13:12:42 UTC

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Sentinel-2 MSI acquired on 17 March 2018 at 05:46:29 UTC

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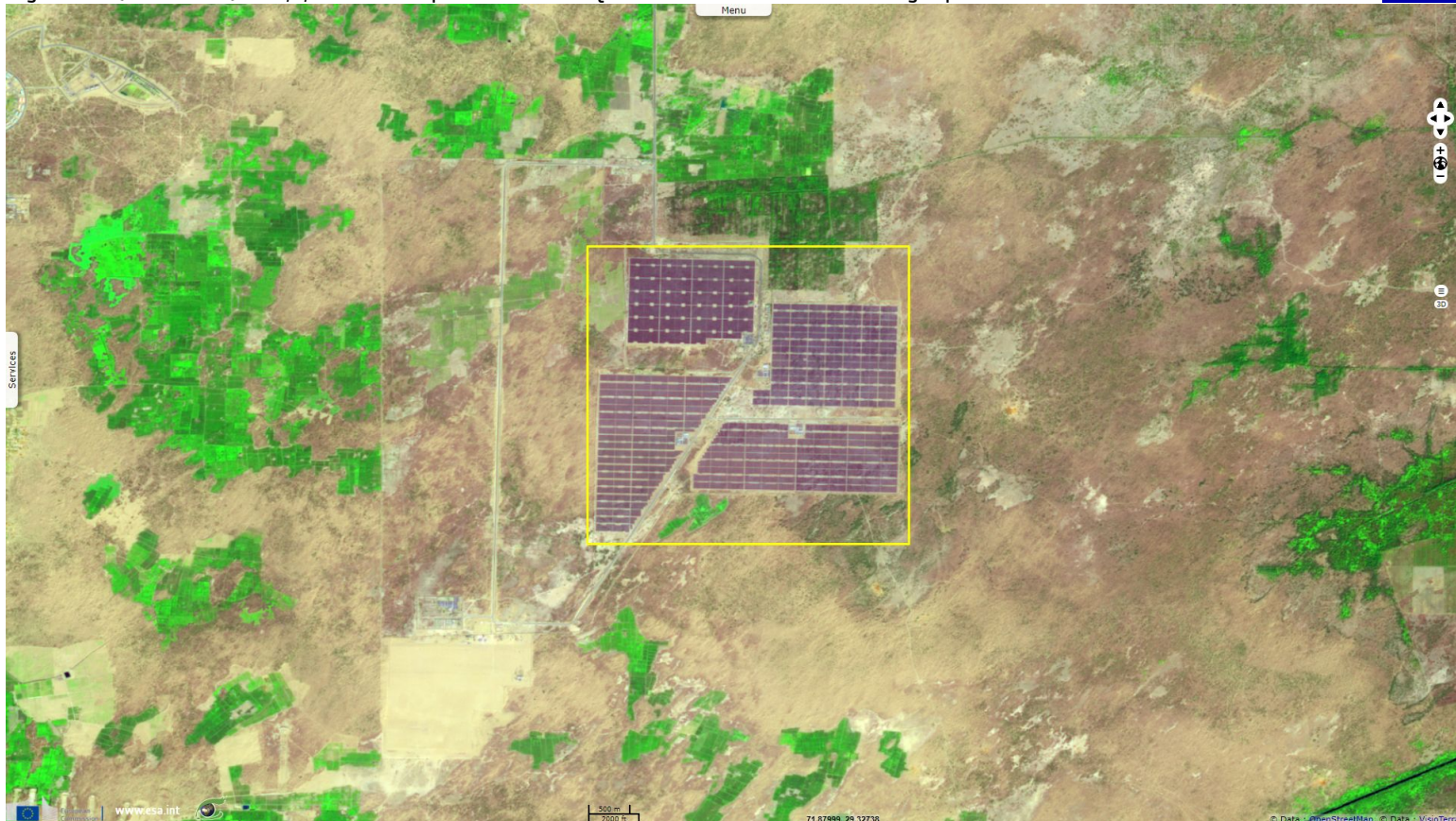
Keyword(s): Renewable energy, solar, hydropower, river, flood, drought, irrigation, Pakistan



[2D Layerstack](#)

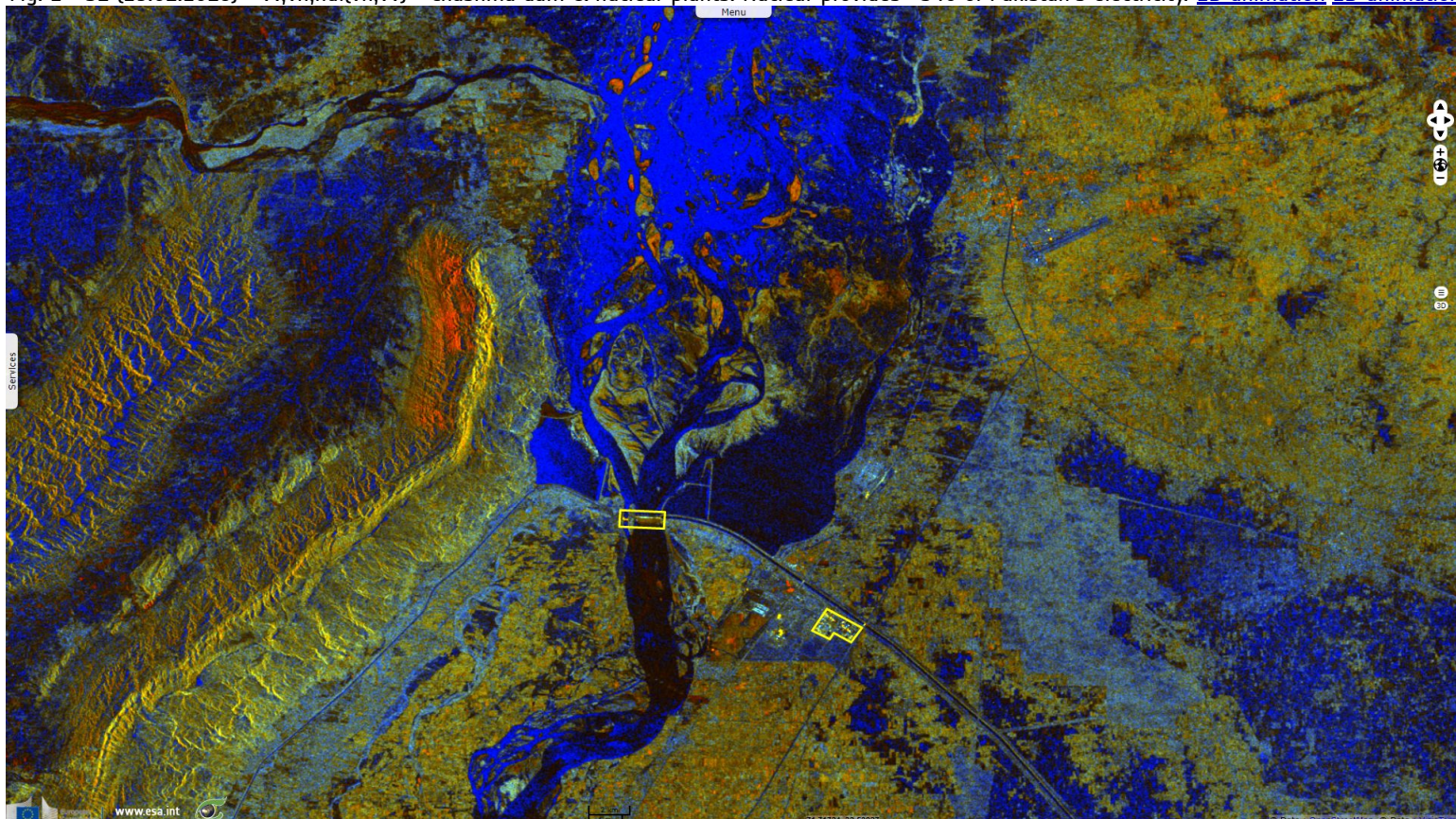
Fig. 1 - S2 (17.03.2018) - 11,8,2 colour composite - View of Quaid-e-Azam Solar Park showing a possible extension at south-west.

[2D view](#)



This story focuses on Pakistan at the occasion of Pakistan Resolution Day that happened the 23.01.1940.

Fig. 2 - S1 (29.01.2018) - vv,vh,ndi(vh,vv) - Chashma dam & nuclear plants. Nuclear provides <5% of Pakistan's electricity. [2D animation](#) [2D animation](#)





The climate of Pakistan is usually dry in winter while summer brings ice melt water & monsoon precipitations. Dams thus regulate the rivers flow rate during the flood & drought season, they provide energy & water and allow irrigation. Despite its sunny climate, Pakistan just started harvesting solar energy.

Fig. 3 - 02 & 26.08.2017 - Tarbela (World's largest earth-filled dam) & Ghazi-Barotha dams near Islamabad & Peshawar. [3D animation](#) [3D animation](#)

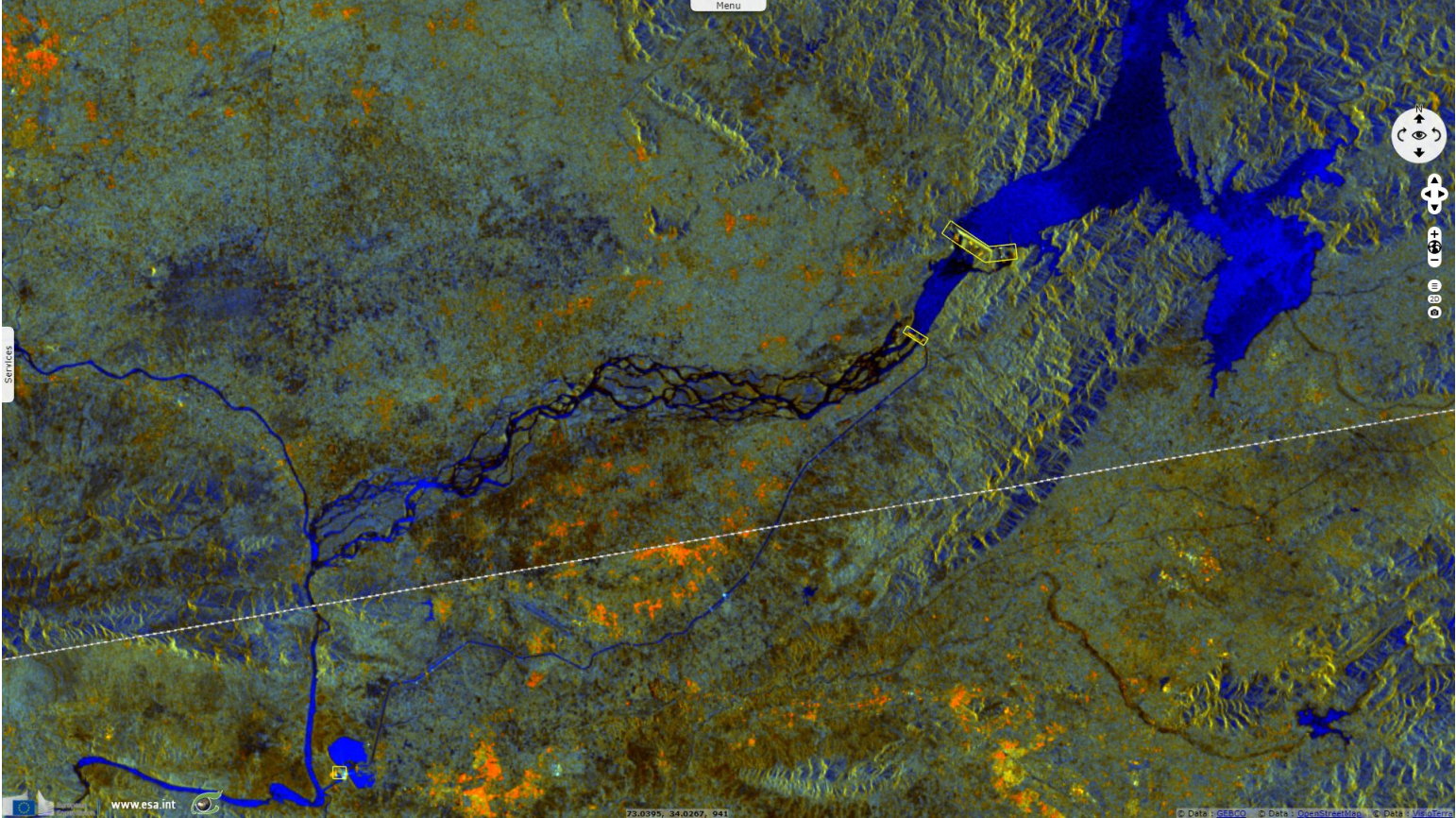


Fig. 4 - S2 (02.08.2017) - 11,8,2 colour composite - Mangla dam, at the foot of the western Himalayas. [2D animation](#) [2D animation](#)

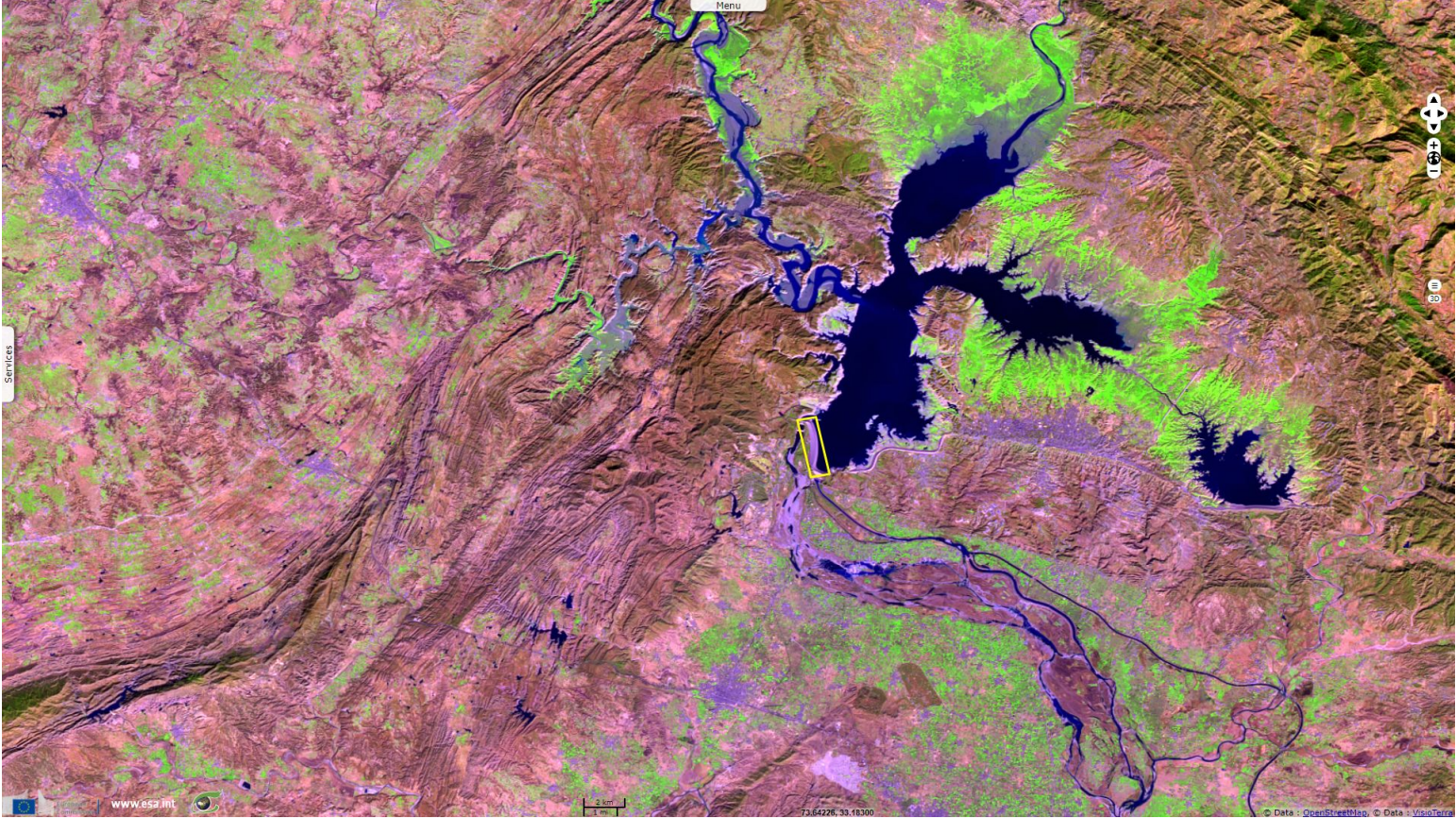




Fig. 5 - S2 (08.02.2018) - 11,8,2 colour composite - As the bigger Mirani dam, Sabakzai dam is mainly dedicated to flood control.

[2D animation](#)



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