

Satellite Earth Observation and Urban Planning

Space for Twin Cities Urban Planning, Online Seminar, 26 November 2020

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European Space Agency

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The European Space Agency



ESA Activities



Exploration and use of space for exclusively peaceful purposes.

ESA is one of the few space agencies in the world to combine responsibility in nearly all areas of space activity.



European Space Agency

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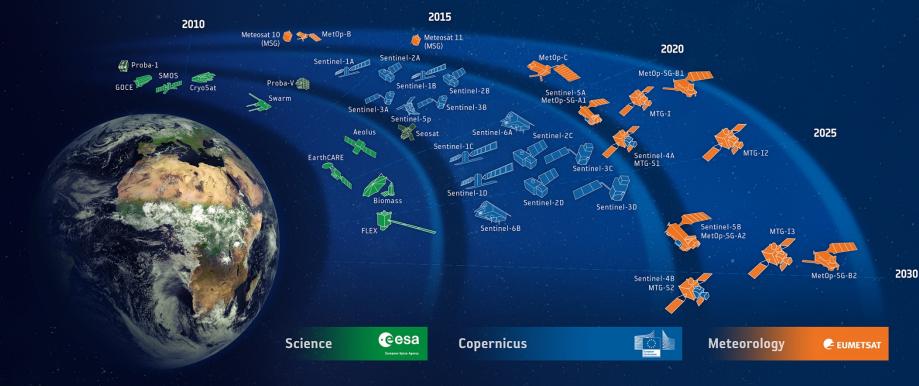


Earth Observation at ESA





ESA-DEVELOPED EARTH OBSERVATION MISSIONS





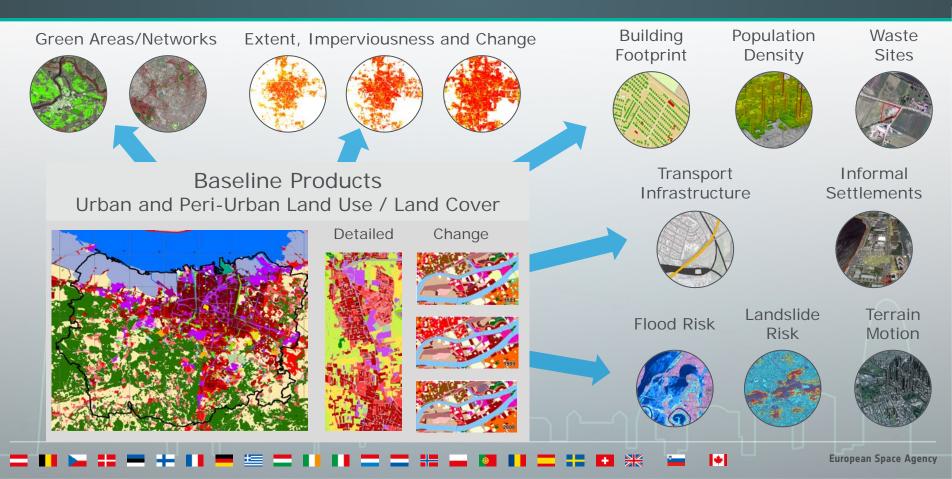
Urban Applications of Earth Observation

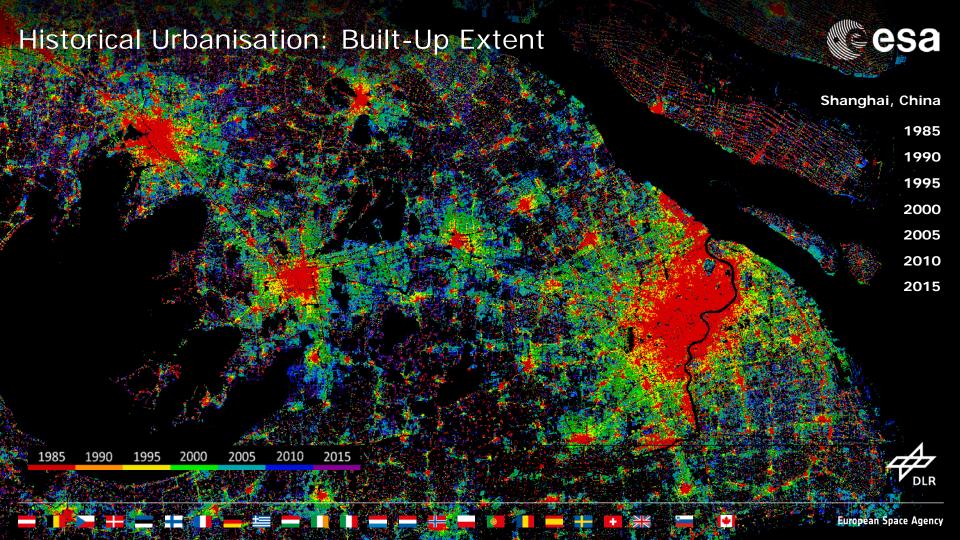
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EO Products for Urban Development







Example: Assessment of Urban Master Plans

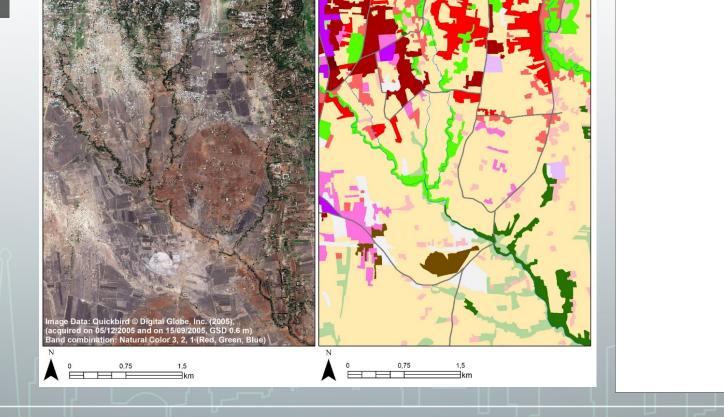


Arusha, Tanzania

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Example: Assessment of Urban Master Plans

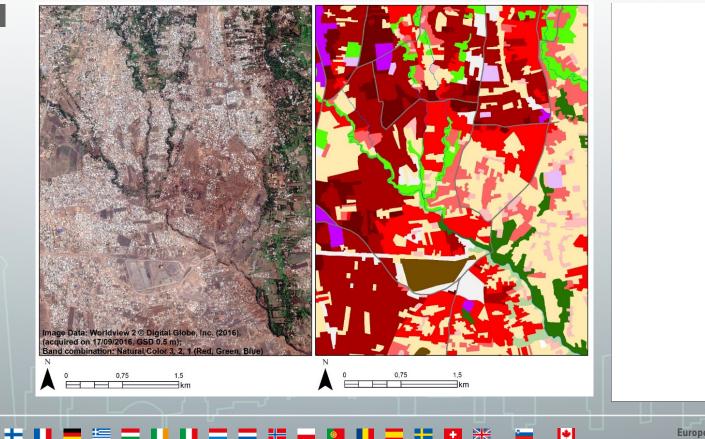


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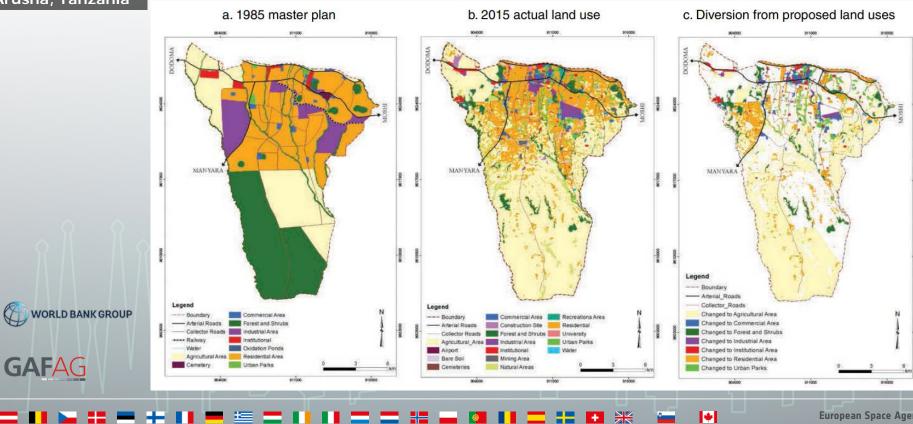


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Example: Assessment of Urban Master Plans

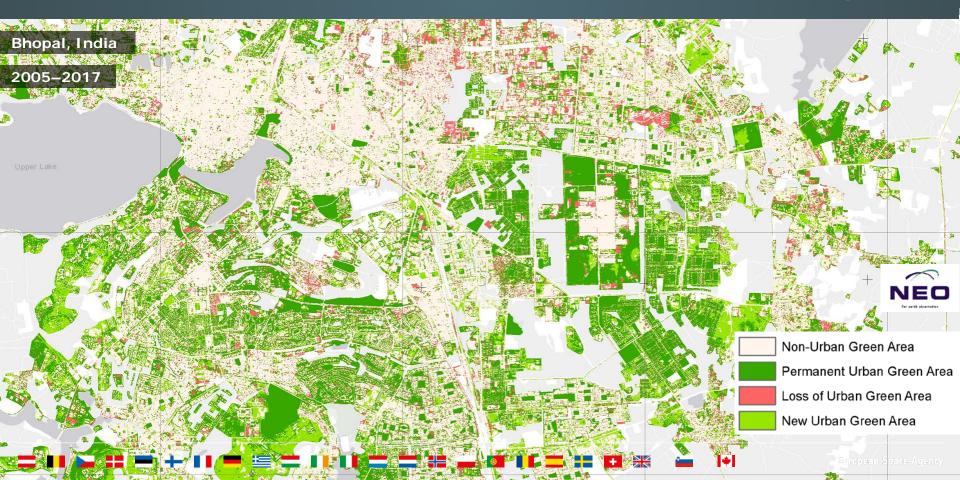


Arusha, Tanzania



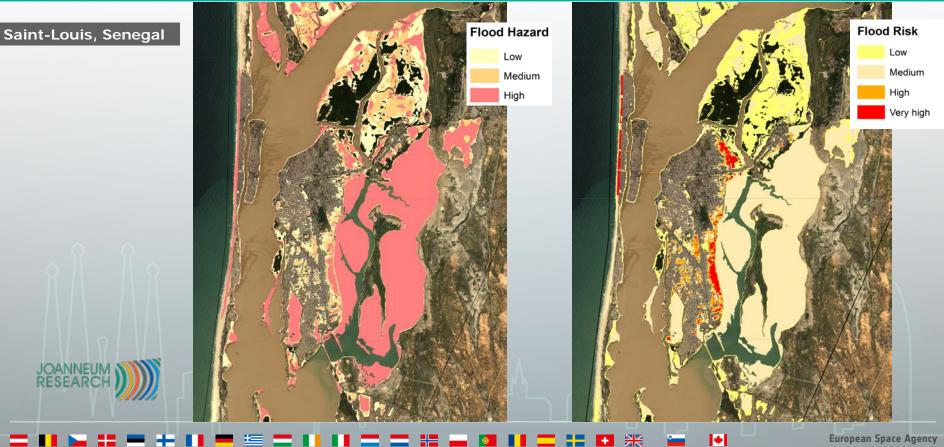
Example: Urban Green Areas





Example: Flood Hazard and Flood Risk





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Earth Observation: A Necessity

Thanks!

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