

## Two New Hospital Projects In Istanbul: Istanbul Prepares For When The Earthquake Strikes



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**Istanbul[Turkey]/Stuttgart [Germany]. Sisli Okmeydani Training and Research Hospital and Goztepe Training and Research Hospital** will be demolished step-by-step and rebuilt as an earthquake resistant building within the framework of the İstanbul Seismic Risk Mitigation and Emergency Preparedness Project (ISMEP) project run by Istanbul Project Coordination Unit (IPCU).

IPCU has completed several emergency recovery projects after numerous earthquakes in Turkey. The coordination unit has been based in Istanbul for the past few years, with the mission to prepare Istanbul for a possible earthquake. The Republic Of Turkey has received a loan of 310 Million euros from the International Bank for Reconstruction and Development and a further 300 Million euros from the European Investment Bank for the earthquake preparedness project.

The design of the new hospital will be done by the German-headquartered HWP Planungsgesellschaft mbH (HWP), an international Architecture, Consulting and Planning Company with over 40 years experience in specialized healthcare planning. Due to the tight project schedule of only 17 months planning and their local knowledge and familiarity, HWP will handle the project together with the Turkish subsidiary company HWP Istanbul.

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### **Central Collection Hospitals To Be Built In Case Of The Earthquake In Istanbul**

The project will be realized without any interruption to the operations of the hospital. Once the new building is operational, residents of the Sisli and Kadikoy regions and also residents living in a larger area of Istanbul will be served in a European standard hospital. Sisli Okmeydani and Goztepe Hospitals will then carry the main responsibility of being the central hospital and shelter zone of the North-European and South-Asian Sides of Istanbul.

Both of the hospitals will be engineered with the Seismic Base Isolation System. This system has become a commonly applied structural design for buildings and bridges in high risk earthquake zones. The isolation system will allow the building to vibrate almost like a rigid body. The lateral forces will be reduced in magnitude as well as being evenly redistributed over the floors. The base isolation system design will be done by another German consultant, **Werner Sobek** from Stuttgart.

According to the new classification criteria of the Turkish Ministry Of Health, both of the hospitals will be in A1 class, 800 bed hospital. During the design period, the experts from **Istanbul Directorate Of Health, Istanbul Province Management** and the Turkish **Ministry Of Health** will also contribute.

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In accordance with the hospitals importance for Istanbul, the project will be in the spotlight of a broad public, both in Turkey and internationally. This is the reason why project organization is considered to be a key factor for successfully achieving local acceptance. “We are proud to ensure highly qualified engineering ‘Made in Germany’ in combination with our local HWP Istanbul operational office and the fruitful support of our partners in Turkey,” quotes Mrs. Bahar Biberoglu, Business Development Manager of HWP Istanbul. “It is personally a matter of heart having the opportunity to design such a large scale hospital in Istanbul with a pilot and mission character for the whole region. In doing so, we hope that **Sisli Okmeydani Training and Research Hospital** project inspires further hospital projects for HWP Istanbul, “ adds Mr. Türker Köksal, holding position as one of the Managing Directors of HWP Istanbul and Senior Leading Architect of the HWP Planungsgesellschaft mbH in Stuttgart, Germany.

**Sisli Okmeydani and Goztepe Training and Research Hospitals** are the first local projects of HWP Istanbul established as an affiliated company of the HWP Planungsgesellschaft mbH in 2008. HWP Istanbul is focused on complex projects in the health sector, in higher education and research and in high-tech industry due to the deep experience the HWP Planungsgesellschaft mbH in these complex business fields.

For 40 years, HWP has been planning and creating complex architectural and development projects in many different sectors - including healthcare, education, scientific research and high-tech industry. HWP helps to realise universities, special clinics, general hospitals, research centres, production plants and even efficient production systems for pharmaceuticals and biotechnology companies.

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### Local contact persons:

HWP Istanbul  
Mimarlik Mühendislik ve Danismanlik Ltd. Sirketi  
Göksu Evleri, Göztepe Mah., Nilüfer Sok.,  
A3/a Anadolu Hisari, 34815  
Beykoz - Istanbul

Bahar Biberoglu,

Architect / MBA  
Fon.: +90 216 465 93 26 - ext. :11  
Fax: +90 216 465 93 27  
GSM:+90 532 385 28 28  
e-Mail: [b.biberoglu@hwp-planung.de](mailto:b.biberoglu@hwp-planung.de)  
web: [www.hwp-planung.de](http://www.hwp-planung.de)

Türker Köksal, Senior Leading Architect

Managing Director of HWP Istanbul  
Fon +49 (0)711 1662-363  
Fax +49 (0)711 1662-125  
Cell phone: +49 (0) 172-7138431  
[t.koeksal@hwp-planung.de](mailto:t.koeksal@hwp-planung.de)  
[www.hwp-planung.de](http://www.hwp-planung.de)

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### **International Public Relations contact:**

HWP Planungsgesellschaft mbH  
Simone Bühler, Marketing & Public Relations  
Rotenbergstr. 8  
70190 Stuttgart, Germany  
Fon: +49 (0) 711-1662-212  
Fax: +49 (0) 711-1662-123  
e-Mail: [s.buehler@hwp-planung.de](mailto:s.buehler@hwp-planung.de)  
web: [www.hwp-planung.de](http://www.hwp-planung.de)  
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