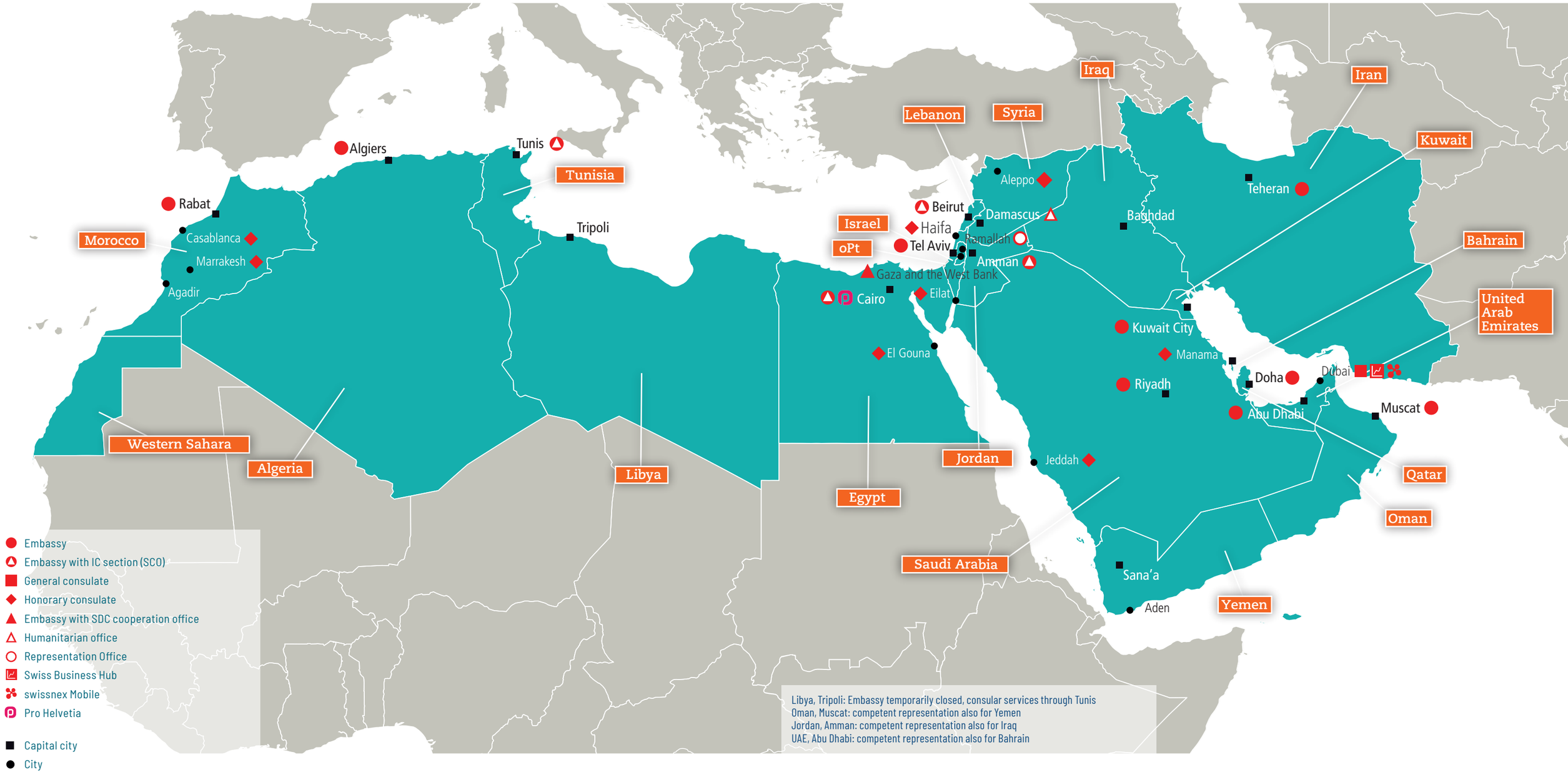Map with network of representations