The impact of climate risks on the value of real estate properties - how a transparent real estate market may provide solutions

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| Key words: | Geoinformation/GI; Valuation |
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SUMMARY

| The effects of climate change have meanwhile become an increasingly popular topic in the mainstream |
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| media. The real estate sector is particularly affected, as it is one of the biggest sources of carbon emissions. |
| On the other hand, real estate is more exposed to changes caused by climate change: Obviously, buildings |
| cannot be relocated and must therefore be planned and built for the future today. Physical climate |
| changes, i.e. more frequent and more severe extreme weather and long-term changes, affect real estate just as |
| much as changing energy costs and energy efficiency requirements. The more frequently natural disasters |
| occur and in an increasing number of areas, the more sensitively real estate investors react towards properties |
| with a certain climate risk. There are now many studies that focus for example on the impact of flooding on |
| the value of real estate. Often with different results. But finally, the exposure of the economic consequences |
| of such natural disasters should in turn have a climate-protecting function. □ □ This is one of the reasons why |
| the EU taxonomy, in combination with the Sustainable Finance Disclosure Regulation (SFDR) and the |
| Corporate Sustainability Reporting Directive (CSRD), requires consideration of climate risks. In essence, |
| this is about creating transparency for the financial market so that investments can be made in properties and |
| companies that are climate-resilient - i.e. that can deal with the possible climate in the near and distant future |
| without suffering major losses in value. □ □ This presentation provides a brief overview on this issue and |
| aims to encourage discussion on how real estate valuation based on transparent data can also have a |
| climate-protecting effect. □ □ Wolfgang Glunz, member of DVW AK6, Germany □ |
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