

Dunja Mazzocco Drvar, Director of the Directorate for Climate Activities at the Ministry of the Economy and Sustainable Development, was a guest on RTL Direktori and commented on how we are experiencing climate change in Croatia and how we will deal with it in the near future.

When asked how we live in the age of climate change in Croatia and Europe, Dunja Mazzocco Drvar answered on the RTL Direkt show that we have seen the effects of climate change in meteorological data several decades ago.

"We warned more and more about that and tried to point out that the situation is dramatic. It started happening to the extent that we see them around us every day. These are fires, floods, tornadoes that were recently in the middle of Europe. These are the changes that came to us from the poles, Indonesia and the Amazon ", said Mazzocco Drvar.

She also revealed how seriously the announcements that cities along the coast should be taken due to rising sea levels, but also changes in the Earth's rotation relative to the Moon, which occurs cyclically, will now be much more affected by tidal periods.

"They should be taken as seriously as anything else. It is estimated that by 2050 the Adriatic would grow by 30 to 50 centimeters, and in the second half of the century by 50 to 80 centimeters. These are large flooded areas that we expect when the sea sinks deeper into the land. What is worrying about this data is that it should coincide with the moment when climate change will happen more dramatically. This change in orbit that will occur in the Moon which is a cyclical phenomenon and occurs every 16-17 years will occur in the first half of the 30s when we will have a visible rise in sea level. I was trying to calculate roughly what area it is expected to flood if our coast were flat. That would be 50-60 meters to shore. Now calculate how many rows it is to the sea, but certainly more than one ", said Dunja Mazzocco Drvar.

## **We cannot afford to further increase the greenhouse effect and CO2 emissions**

"It would be good if we were at the peak now and moving down, because the sooner we move down, the fall will be milder, if we start later, we will have to abruptly stop shows. We missed key points. The last one was some kind of equilibrium level of CO2 which is 380 parts per million, and we passed 380 in 2004. These are processes that go like dominoes. We can't say exactly where one process that happened overwhelmed us, but it was kind of the point where we crossed the balance", Mazzocco Drvar said.

Asked if it was possible for Europe to reduce greenhouse gas emissions to zero by 2050, Mazzocco Drvar said he hoped it was possible. "We will have to get used to these conditions.

That's why we heard a new legislative package last week where climate ambition has increased and some instruments have been brought in", she said. Although it is often mentioned that this is why internal combustion cars are the first target, Mazzocco Drvar believes it is under attack first industry.

"It will experience major restrictions and it will be an exceptional operating cost for the greenhouse gas industry and money will have to be thrown into the air. These are industries with large plants, in our country it is Plomin, refineries, Petrokemija. Transport is the biggest polluter because emissions from transport in Croatia and the EU are 29 percent, while in agriculture it is 11 percent. However, traffic is an extremely big polluter ", claims Mazzocco Drvar.

Commenting on the forecast in the coming days and the announcement of great heat, Mazzocco Drvar said that this summer is the best proof that we are in a period of climate change. "We will have to get used to such conditions and that nothing will be better than it was this summer", concluded Dunja Mazzocco Drvar.

Source: [ekovjesnik.hr](http://ekovjesnik.hr)