

**GOVERNMENT OF INDIA  
MINISTRY OF EARTH SCIENCES  
LOKSABHA  
UNSTARRED QUESTION NO. 1066  
TO BE ANSWERED ON WEDNESDAY, 26<sup>TH</sup> JULY, 2023**

**EEWS**

1066. SHRI P.V. MIDHUN REDDY:

Will the Minister of EARTH SCIENCES be pleased to state:

- (a) whether the Government intends to establish Earthquake Early Warning System (EEWS) on pilot basis;
- (b) if so, the details thereof and if not, the reasons therefor;
- (c) the benefits proposed in this regard;
- (d) whether India intends to engage with other countries in this respect; and
- (e) if so, the details thereof and if not, the reasons therefor?

**ANSWER  
THE MINISTER OF EARTH SCIENCES  
(SHRI KIREN RIJJU)**

- (a) to (c) Yes Sir. The National Centre for Seismology (NCS), an attached office of Ministry of Earth Sciences (MoES) intends to install the earthquake early warning system on pilot basis. The decision to establish an EEWS pilot program would depend on various factors, including the geographical location of target area & seismic activity.

Though, response time of taking action after occurrence of earthquake is very small (few seconds) depending upon the distance between source and responders but information based on EEWS can help to safeguard the critical facilities by stopping their operations such as electric & gas supply, power plants and trains etc. to minimise losses of life and property.

- (d) Yes Sir.
- (e) NCS plans to collaborate with other countries including USA and Japan to explore the feasibility of EEWS and various algorithms suitable for Indian context.

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