

GOVERNMENT OF INDIA  
MINISTRY OF JAL SHAKTI,  
DEPARTMENT OF WATER RESOURCES, RIVER DEVELOPMENT & GANGA REJUVENATION  
**RAJYA SABHA**  
**UNSTARRED QUESTION NO. 97**  
ANSWERED ON 29.11.2021

**IT BASED SENSORS**

97 SHRI DEREK O' BRIEN

Will the Minister of JAL SHAKTI be pleased to state:

- (a) whether the new National Water Policy (NWP) proposes usage of IT based sensors to ensure equitable distribution, leak detection and plugging, if so, the parameters which will be used to decide equitable distribution
- (b) the details of the technology that will be deployed for said purposes and
- (c) where and how this technology will be developed?

**ANSWER**

THE MINISTER OF STATE FOR JAL SHAKTI

(SHRI BISHWESWAR TUDU)

- (a) to (c) National Water Policy 2012, regarding the development of technology, *inter alia* states,

*“Continuing research and advancement in technology shall be promoted to address issues in the water sector in a scientific manner. Innovations in water resources sector should be encouraged, recognized and awarded.*

*It is necessary to give adequate grants to the States to update technology, design practices, planning and management practices, preparation of annual water balances and accounts for the site and basin, preparation of hydrologic balances for water systems, benchmarking and performance evaluation.*

*It needs to be recognized that the field practices in the water sector in advanced countries have been revolutionized by advances in information technology and analytical capabilities. A re-training and quality improvement programme for water planners and managers at all levels in India, both in private and public sectors, needs to be undertaken.”*

Water being a State subject, steps for augmentation, conservation and efficient management of water resources are primarily undertaken by the respective State Governments. In order to supplement the efforts of the State Governments, Central Government provides technical and financial assistance to them through various schemes and programmes. The National Water Policy has been sent to all States/UTs for appropriate action.

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