

<i>Budgetary Allocation for DSIR</i>					(₹ in crore)
Year	2012-13	2013-14	2014-15	2015-16	2016-17
BE	3484.00	3571.00	3707.15	4031.00	4062.80
RE	2957.00	3178.00	3400.00	4036.70	—
AE	2945.66	3159.54	3393.49	4020.98	—

(d) The Government has made provisions for basic research and development in the areas of science, technology and environment including atomic energy, space, oceanography and meteorology, *e.g.*

- The Government has provided funds for expenditure towards International Thermonuclear Experimental Reactor (ITER).
- The Union Cabinet has given an "in principle" clearance for the location of a Laser Interferometer / Gravitational-Wave Observatory (LIGO) facility in India which will be the third in the world and will be set up and managed by the IndIGO Consortium (Indian Initiative in Gravitational-wave Observations).
- The Ministry of Environment, Forest and Climate Change (MoEFCC) has announced a R&D initiative to develop next generation sustainable refrigerant technologies as alternatives to the currently used refrigerant gases like hydrofluorocarbons (HFCs), in order to mitigate its impact on the ozone layer and climate.

**Nodal agency for national civil aircraft development programme**

260. SHRIMATI RENUKA CHOWDHURY: Will the Minister of SCIENCE AND TECHNOLOGY be pleased to state:

- (a) whether Government has identified any nodal agency for implementation of CSIRs National Civil Aircraft Development Programme;
- (b) if so, the details thereof and if not, the reasons for the delay; and
- (c) the fresh steps taken by Government for early implementation of the programme?

THE MINISTER OF STATE IN THE MINISTRY OF SCIENCE AND TECHNOLOGY (SHRI Y. S. CHOWDARY): (a) No, Sir.

(b) and (c) Council of Scientific and Industrial Research through its constituent Laboratory namely, CSIR-National Aerospace Laboratories (CSIR-NAL), Bengaluru has submitted a feasibility report in 2011 regarding the development of a National Civil Aircraft. This included market analysis, demand forecasts, basic configuration design, selection of major components, design and development cost estimates, business models, structure for a Joint Venture (JV) Public-Private Partnership (PPP) mode to execute the project etc. Subsequently, interactions were held with the Mahindra and Tata groups as well as other private sector companies, leading to an opinion that involvement in a project of this size financially carried a certain risk. Meetings at the erstwhile Planning Commission (now NITI Aayog) have led to a suggestion that a JV be formed between Hindustan Aeronautics Ltd. (HAL), Bengaluru and CSIR-NAL. Further, discussions were held between CSIR and HAL and Secretary, Defence Production (DP), Ministry of Defence (MoD). Discussions for the formation of JV Company between HAL and CSIR-NAL were held. Further, discussions and decisions are now required to proceed further including funding.

#### **Plans for State Spatial Data Infrastructure Centre**

261. DR. K. V. P. RAMACHANDRA RAO: Will the Minister of SCIENCE AND TECHNOLOGY be pleased to state:

(a) whether Government is planning to establish State Spatial Data Infrastructure Centres in various States, if so, the details thereof; and

(b) whether Andhra Pradesh and Telangana have been included in the programme?

THE MINISTER OF STATE IN THE MINISTRY OF SCIENCE AND TECHNOLOGY (SHRI Y. S. CHOWDARY): (a) Yes Sir. Under the Scheme of setting up National Resources Data Management System (NRDMS), a programme to establish State Spatial Data Infrastructures (SSDIs) in various States has been undertaken to facilitate spatial data sharing amongst related stakeholders for decision support. Setting up of SSDI in a State depends on interest of each State Government, availability of resources and on the basis of competitive evaluation of R&D proposals from concerned agencies in the States.

(b) No proposal has been received from either Andhra Pradesh or Telangana for setting up of SSDI.