



R F D

Results Framework Document

for

Department of Scientific and Industrial
Research

(2009-2010)

Section 1: Vision, Mission, Objectives and Functions

Vision

Enabling Indian industry to reach state-of-the-art innovation excellence and competitiveness through research & technological interventions.

Mission

- Promotion of Research in Industry & Institutions through Motivational Measures and Incentives;
- Providing Support and Creating an Enabling Environment for Development & Utilization of New & Innovative Technologies.

Objectives

- 1 To promote & nurture research & development in Industry
- 2 Promotion and support for development of new & innovative products, processes and technologies and for improving industrial competitiveness
- 3 Promoting technology utilization and linkages with other relevant agencies to improve efficiency
- 4 Technology evaluation and enabling its commercialisation
- 5 Providing technological inputs in national flagship and mission mode programmes of the Government
- 6 Preparation of a Strategic Action Plan 2020

Functions

- 1 Recognition of in-house R&D units of industry and Scientific and Industrial Research Organizations (SIROs)
- 2 To enhance industry's share in national R&D expenditure
- 3 Implementation of fiscal incentives to industry
- 4 To promote and support industry for development of new products, processes and technologies
- 5 To support early stage technology based start-ups for enabling them to attract venture capital funding
- 6 To encourage the spirit of creativity and innovativeness in individuals and scientific entrepreneurs
- 7 Technological empowerment of women
- 8 Matters relating to Asian & Pacific Centre for Transfer of Technology (UN-APCTT)

Section 2: Inter se Priorities among Key Objectives, Success indicators and Targets

Objective	Weight	Action	Success Indicator	Unit	Weight	Target / Criteria Value				
						Excellent	VeryGood	Good	Fair	Poor
						100%	90%	80%	70%	60%
1 To promote & nurture research & development in Industry	40.00	- Promotional & motivational Measures	-Recognition & registration to new in-house R&D units; Scientific & Industrial Research Organisations (SIRO); Public Funded Research Institutions (PFRI)	no	15.000	70	63	56	49	42
			- Renewal of recognition & registration to in-house R&D units; SIROs; PFRI	no	10.000	150	135	120	105	90
		Fiscal incentives for Scientific Research	- Approving new companies for availing fiscal benefits	no	5.000	18	16	14	12	10
			- Reporting of R&D expenditure claims of approved companies	no	10.000	30	27	24	21	18
2 Promotion and support for development of new & innovative products, processes and technologies and for improving industrial competitiveness	30.00	Technical and partial financial support to industrial R&D and technology development & demonstration projects	Approval of fresh projects	no	5.001	10	9	8	7	6
			Product prototype or process developed & demonstrated	no	9.999	6	5	4	3	2
		Support to individuals for conversion of science based innovative ideas into workable prototypes/processes	Approval of fresh projects	no	5.001	30	27	24	21	12
			Product prototype or process demonstrated	no	9.999	8	7	6	5	4
3 Promoting technology utilization and linkages with other relevant agencies to improve efficiency	25.00	Supporting programmes and studies to facilitate use of technology	Activities (studies, databases, workshops, training programmes etc.) completed under the ongoing Technology Utilization Programmes	no	7.000	6	5	4	3	2

Section 2: Inter se Priorities among Key Objectives, Success indicators and Targets

Objective	Weight	Action	Success Indicator	Unit	Weight	Target / Criteria Value				
						Excellent	VeryGood	Good	Fair	Poor
						100%	90%	80%	70%	60%
		- Technical & administrative coordination of Asian & Pacific Centre for Transfer of Technology (UN-APCTT)	Number of capacity building activities (initiated by APCTT) supported	no	3.000	2	1	--	--	0
			Number of technology transfers facilitated in the Asia Pacific region	no	3.000	175	165	155	145	135
		- To provide technology based support benefiting women scientists & entrepreneurs	Approval of fresh projects	no	3.000	2	--	1	--	0
			Activities (studies, databases, workshops, training programmes etc.) completed	no	3.000	3	2	--	1	0
		- Facilitating preparation of Action Plan in a phased manner for a mechanism similar to RFD between CSIR laboratories and DG, CSIR	Preparation of Action Plan	Date	2.000	20/03/2010	25/03/2010	31/03/2010	07/04/2010	14/04/2010
		- Facilitating preparation of a RFD mechanism in Consultancy Development Centre to facilitate role of consultants in industrial research	Preparation of Action Plan	Date	2.000	20/03/2010	25/03/2010	31/03/2010	07/04/2010	14/04/2010
		- Identification of national flagship programmes and preparation of strategy by DSIR to participate in the same	Preparation of a strategy	Date	2.000	20/03/2010	25/03/2010	31/03/2010	07/04/2010	14/04/2010
* Efficient Functioning of the RFD System	5.00	Timely submission of Draft for Approval	On-time submission	Number	2.000	0.00	1.00	2.00	3.00	4.00
		Timely submission of Results	On- time submission	Number	2.000	0.00	1.00	2.00	3.00	4.00
		Finalize a Strategic Plan	Finalize the Strategic Plan for next 5 years	Number	1.000	0.00	1.00	2.00	3.00	4.00

* Mandatory Objective(s)

Section 3: Trend Values of the Success Indicators

Objective	Action	Success Indicator	Unit	Actual Value for FY 07/08	Actual Value for FY 08/09	Target Value for FY 09/10	Projected Value for FY 10/11	Projected Value for FY 11/12
1 To promote & nurture research & development in Industry	- Promotional & motivational Measures	-Recognition & registration to new in-house R&D units; Scientific & Industrial Research Organisations (SIRO); Public Funded Research Institutions (PFRI)	no	249	266	272	300	340
		- Renewal of recognition & registration to in-house R&D units; SIROs; PFRIs	no	695	520	740	790	840
	Fiscal incentives for Scientific Research	- Approving new companies for availing fiscal benefits	no	28	28	30	40	50
		- Reporting of R&D expenditure claims of approved companies	no	43	88	90	100	110
2 Promotion and support for development of new & innovative products, processes and technologies and for improving industrial competitiveness	Technical and partial financial support to industrial R&D and technology development & demonstration projects	Approval of fresh projects	no	3	7	10	20	30
		Product prototype or process developed & demonstrated	no	10	15	6	15	15
	Support to individuals for conversion of science based innovative ideas into workable prototypes/processes	Approval of fresh projects	no	12	80	100	100	100
		Product prototype or process demonstrated	no	15	20	20	30	40
3 Promoting technology utilization and linkages with other relevant agencies to improve efficiency	Supporting programmes and studies to facilitate use of technology	Activities (studies, databases, workshops, training programmes etc.) completed under the ongoing Technology Utilization Programmes	no	36	35	18	14	15

Section 3: Trend Values of the Success Indicators

Objective	Action	Success Indicator	Unit	Actual Value for FY 07/08	Actual Value for FY 08/09	Target Value for FY 09/10	Projected Value for FY 10/11	Projected Value for FY 11/12
	- Technical & administrative coordination of Asian & Pacific Centre for Transfer of Technology (UN-APCTT)	Number of capacity building activities (initiated by APCTT) supported	no	1	1	2	3	4
		Number of technology transfers facilitated in the Asia Pacific region	no	517	595	658	700	750
	- To provide technology based support benefiting women scientists & entrepreneurs	Approval of fresh projects	no	1	1	2	4	5
		Activities (studies, databases, workshops, training programmes etc.) completed	no	6	5	3	8	10
	- Facilitating preparation of Action Plan in a phased manner for a mechanism similar to RFD between CSIR laboratories and DG, CSIR	Preparation of Action Plan	Date	--	--	20/03/2010	--	--
	- Facilitating preparation of a RFD mechanism in Consultancy Development Centre to facilitate role of consultants in industrial research	Preparation of Action Plan	Date	--	--	20/03/2010	--	--
	- Identification of national flagship programmes and preparation of strategy by DSIR to participate in the same	Preparation of a strategy	Date	--	--	20/03/2010	--	--
* Efficient Functioning of the RFD System	Timely submission of Draft for Approval	On-time submission	Number	23	20	125	23	25
	Timely submission of Results	On- time submission	Number	23	20	23	23	23

* Mandatory Objective(s)

Section 3: Trend Values of the Success Indicators

Objective	Action	Success Indicator	Unit	Actual Value for FY 07/08	Actual Value for FY 08/09	Target Value for FY 09/10	Projected Value for FY 10/11	Projected Value for FY 11/12
	Finalize a Strategic Plan	Finalize the Strategic Plan for next 5 years	Number	23	40	32	23	23

* Mandatory Objective(s)

Section 4:
Description and Definition of Success Indicators
and Proposed Measurement Methodology

Section 5:
Specific Performance Requirements from other Departments
