

3. Support the Creation of a Platform for the Development of a National System of Innovation (NSI) Using Public Dialogue and Partnership Approach which will, among others focus on models

2. Development of a Knowledge Management System using online database system for tracking and management of National R&D efforts. This is intended to support the implementation of the STI Policy for the next 5 years and beyond and it will chronicle all national R&D efforts done within the country. This will contain sections for commercialisable R&D inventions, availability and locations of high tech scientific equipment, the research and manpower needs of local industries and nature of partnership required by both researchers and industrial loggers on to the site. The project will break down the implementation of the STI policy with respect to the private sector targets into actionable bits with time lines, detailed roles and implementation responsibilities that will include monitoring plans. This shall include all relevant information regarding the national policy implementing institutions, work plan, monitoring and evaluation plan and systems, including a timetable, detailed budget, indicative activity outputs and comprehensive coordinating arrangements for its implementation.

1. Enhanced institutional skills and technical staff knowledge within Federal Ministry of Science and Technology and its agencies to support and manage implementation of STI Policy

II. EXPECTED OUTPUT

UNDP under a Public Private Partnership arrangement will facilitate and focus more on knowledge take-up at the business end of the innovation system framework. We believe that innovation can be triggered by, for example, the "pull" of market pressures and other incentives or changes in policy or by the "push" of new knowledge from research suppliers. Successful innovation necessitates a combination of both of these push and pull factors. However, this will require the empowerment of the private sector (MSMEs) in order to enhance market operations and develop the competitiveness of the Nigerian economy.

UNDP will support the development of institutional knowledge and capacity development of the Ministry of Science and Technology through study tours to understand private sector policy support initiatives and best practice from international experiences that can easily be domesticated locally. UNDP will also facilitate operations of required window, through awareness creation, that will make possible downstream uptake of innovation, operations and investments in achieving the STI policy objective.

UNDP will support the development of institutional knowledge and capacity development of the Ministry of Science and Technology through study tours to understand private sector policy support initiatives and best practice from international experiences that can easily be domesticated locally. UNDP will also facilitate operations of required window, through awareness creation, that will make possible downstream uptake of innovation, operations and investments in achieving the STI policy objective.

UNDP will support the development of institutional knowledge and capacity development of the Ministry of Science and Technology through study tours to understand private sector policy support initiatives and best practice from international experiences that can easily be domesticated locally. UNDP will also facilitate operations of required window, through awareness creation, that will make possible downstream uptake of innovation, operations and investments in achieving the STI policy objective.

UNDP will support the development of institutional knowledge and capacity development of the Ministry of Science and Technology through study tours to understand private sector policy support initiatives and best practice from international experiences that can easily be domesticated locally. UNDP will also facilitate operations of required window, through awareness creation, that will make possible downstream uptake of innovation, operations and investments in achieving the STI policy objective.

UNDP will support the development of institutional knowledge and capacity development of the Ministry of Science and Technology through study tours to understand private sector policy support initiatives and best practice from international experiences that can easily be domesticated locally. UNDP will also facilitate operations of required window, through awareness creation, that will make possible downstream uptake of innovation, operations and investments in achieving the STI policy objective.

UNDP will support the development of institutional knowledge and capacity development of the Ministry of Science and Technology through study tours to understand private sector policy support initiatives and best practice from international experiences that can easily be domesticated locally. UNDP will also facilitate operations of required window, through awareness creation, that will make possible downstream uptake of innovation, operations and investments in achieving the STI policy objective.

UNDP will support the development of institutional knowledge and capacity development of the Ministry of Science and Technology through study tours to understand private sector policy support initiatives and best practice from international experiences that can easily be domesticated locally. UNDP will also facilitate operations of required window, through awareness creation, that will make possible downstream uptake of innovation, operations and investments in achieving the STI policy objective.

for the commercialisation of research output. Specifically, part of the support will seek to empower the private sector so that they can actively participate in a dynamic national innovation system. While researchers and research institutions under Federal Ministry of Science and Technology will remain important partners in the project, emphasis will shift to strengthening the voice and capacity of intended direct and indirect users of research results to demand for, and use research output. The Ministry will also ensure that stakeholders from other relevant sectors such as Education, Agriculture and Health to mention but a few are invited to participate in the emerging NSI.

III. MANAGEMENT ARRANGEMENTS

Considering the urgency required with this support and its evolving nature, its governance and management arrangements will employ a NEX implementation approach. It is planned to be dynamic and responsive in terms of its support for the implementation. This is deliberate in order to enable a fast tracked and effective approach to delivery. The support governance and management arrangement will have a Steering Committee and a Management team that will be consolidated into UNDP conventional project management.

Steering Committee

A Steering Committee (SC) will be established to provide strategic guidance, ensure accountability and support the implementation of this assignment (i.e. it will have responsibility for the overall governance, accountability for judicious use of project resources and provide overall strategic direction). The members of the SC will not have power to exercise formal executive control over the activity implementation, but shall be granted access to activities and documentation under the programme (unless there is commercially sensitive information that should not be disclosed subject to non-disclosure agreements). The FMST team head and UNDP PSD Unit, assisted by the CO, will provide needed technical information and support to the SC. The provision of its governance and administrative oversight will be in accordance with UNDP program policies. The steering committee should include representatives from Government MDAs, UNDP, other relevant UN agency(ies) as well as private sector organisations.

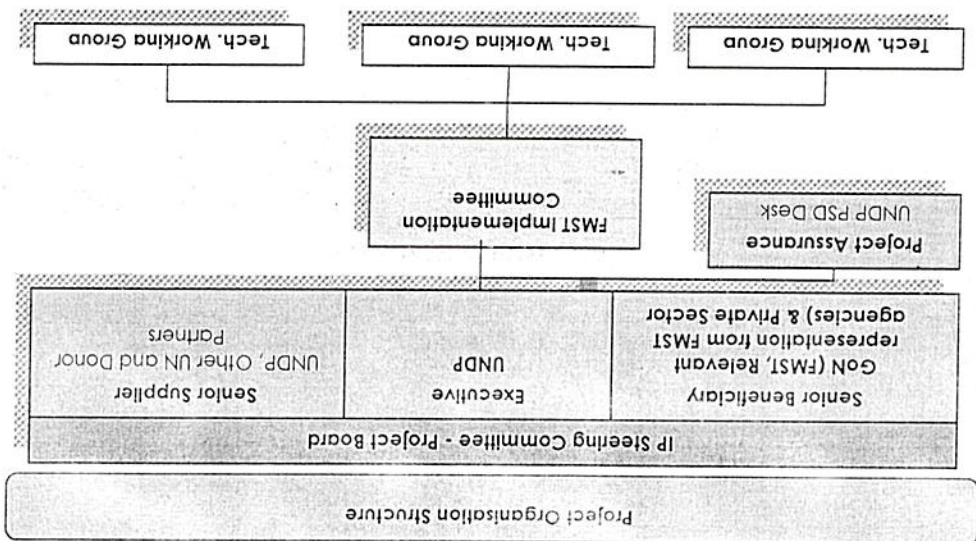
Management Team

Federal Ministry of Science & Technology, with UNDP guidance, will set up an implementation Committee, who will act as the activity management team and be responsible for the overall outputs of the support, as well as the day-to-day management and deliveries. It will consist of seconded staff from FMST and its agencies, of which one will be the overall responsible manager and other three responsible for thematic streams running through the support. Each member must be able to represent the programme in its entirety and should be acknowledged and experienced professional staff in their respective fields. The job descriptions and required expertise of the professional positions will be provided by FMST.

In addition to the above, the management team will probably need to access secretarial, accounting and other services to facilitate delivery, FMST internal system and facilities will be employed directly to establish such secretariat.

The Project Team (Implementation Committee) will provide informal weekly updates and monthly formal reports of the progress to UNDP. The updates will include activities and significant milestones for the week against the work plan. Upon completion of each critical milestone, debriefings will be held with stakeholders and draft reports submitted. The Implementation Committee will also maintain and update UNDP on issues, risks and lessons learnt throughout the course of the support. They will share the relevant draft document with all required stakeholders, donors (including UNDP, its technical team and other donor partners) for review. Three months after the completion of the support, a Progress Report and tentative expenditure statement detailing the expenditure will be made available to all stakeholders, including UNDP and the GoN.

IV. MONITORING



V. ANNUAL WORK PLAN

Year: Sept. 2011 – Dec. 2011

This STI Policy Support project is planned to be a 16-month project with an estimated indicative budget of \$501,193.13. The work plan and budget in table 1 refer to the budget breakdown and work package expected to be delivered during the support period.

Table 1 Work Plan and Budget for September 2011 – December 2011

EXPECTED OUTPUTS And baseline, indicators including annual targets	PLANNED ACTIVITIES List activity results and associated actions	TIMEFRAME (Q1-Q5)					RESPONSIBLE PARTY	FUNDING SOURCE	PLANNED BUDGET	
		1	2	3	4	5			Budget Description	Amount (USD)
Output 0 Support to Project Management Activities	0.1 Activity Result UNDP Support to NEX Communication and advocacy Project M&E HACT and Audit Assurance	X	X	X	X	X	UNDP	UNDP Support to NEX	5,011.93	
Subtotal Support to Project Management Activities									5,011.93	
Development of a Knowledge Database System using National R&D activities in the public and private sectors.	1.1 Activity Result Engagement of a Consultant to develop an IT enabled online database system for national R&D activities Development of an interactive website/webpage on the FMST site	X	X				FMST	UNDP Consultant staffing workshops	46,181.2	
Baseline Lack of useful, reliable and up to date database on R&D and Innovation activities and outcomes in Nigeria. Indicators • Availability of an online data capture system • Nr of Data Entry Staff Trained • Nr of visits to the Site	1.2 Activity Result Advocacy, sensitisation and demonstration of the web portal to R&D institutions and industries to promote population of the database and interactive access Engagement of Consultants to document key areas of research needs of the industries Upload of the results of the survey on to the website for access by research and educational institutions Distribution of CDs of the study Organisation of a national stakeholders' workshop on linkage between research and production in Nigeria Production of documentary on R&D outputs to be hosted on the site Dissemination of information about the web portal on National Network service e.g. NTA and AIT as news bits		X	X	X		FMST	UNDP Consultant staffing workshops	150,000.00	
Subtotal Development of online database System for National R&D Results									196,181.2	

<p>Output 2 Capacity Building Enhanced understanding and application of Private Sector focused STI Policy thematic by FMST and other relevant partners</p> <p>Baseline Limited technical capacity, clarity and knowledge (including application) of how to implement the new STI policy</p> <p>Indicators</p> <ul style="list-style-type: none"> Nr of FMST staff trained, including other relevant institutions technical personnel Nr of dialogue and fora organised to build implementation understanding Nr of South-South exchanges and study tours organised to facilitate private sector based S&T Policy strategy implementation framework Nr of annual IM technical forum in Nigeria 	<p>2.1 Activity Result: Facilitated on-the-job learning, in and outside Nigeria</p> <ul style="list-style-type: none"> Establish learning needs (TNA) for consolidation and implementation of STI Policy Engage relevant training consultants/institutions to conduct the essential or identified training needs of the key actors/ stakeholders. Create platform for interaction among key sectors/stakeholders in the NSI Establish exchange mechanisms for S&T Experts between different client levels, IPs, ITPs and also within the auspices of South-South cooperation with countries such as – Malaysia, Brazil, India and Singapore Organise study tours with specific deliverables Prepare, present and submit report upon return from study tour - prepare and disseminate outputs of study tour/training Capacity building for data management staff from FMST and Agencies 	<p>UNDP, FMST</p> <p>UNDP</p>	<p>Consultant Study tour staffing workshops</p>	<p>200,000.00</p>
<p>Subtotal Capacity Building</p>				<p>200,000.00</p>
<p>Output 3</p> <p>Promote Innovation using PP dialogue and partnership approach.</p> <p>Commercialisation of Research Output using PPP approach</p> <p><i>Create functional platform for showcasing commercialisable R&D outcomes, new technologies, inventions and innovation.</i></p> <p>Baseline Research output currently largely supply driven Low uptake of research output by private sector to facilitate business operations</p> <p>Indicators Level (number) of research output uptake by the private sector Nr of commercialisable R&D products exhibited and listed on the website, and Nr of participatory Investors/would-be-investors linked with research institution(s) for uptake of invention/innovation</p>	<p>3.1 Activity Result: Facilitated PPP approach through Innovation Systems Framework</p> <ul style="list-style-type: none"> Identify and facilitate PPP project/facility that will increase uptake and commercialisation of research outputs Award of excellence to outstanding inventors/innovators Develop and establish a framework for the National System of Innovation to promote dialogue and create platform for knowledge sharing within the Innovation System Develop pilot linkage programme for research institutes/higher education institution partnership with the industries and financial institutions Exhibition of Commercialisable R&D products, new technologies, inventions and innovations (inventions to be screened and driven by the private sector) 	<p>UNDP, FMST</p> <p>UNDP</p>	<p>Facility Consultant staffing workshops Conference Publicity, Exhibiting grants and Prize for awardees</p>	<p>100,000.00</p>

Subtotal Framework Dialogue and Partnership Approach	Innovation Using Public Private Systems																		100,000.00
TOTAL																			501,193.13