



science
& technology

Department:
Science and Technology
REPUBLIC OF SOUTH AFRICA

NIPMO

NATIONAL INTELLECTUAL PROPERTY
MANAGEMENT OFFICE
An initiative of the Department of Science and Technology

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ANNEXURE A

INTELLECTUAL PROPERTY AND TECHNOLOGY TRANSFER CAPACITY DEVELOPMENT STRATEGY IMPLEMENTATION PLAN

2016-2020

This implementation plan outlines the NIPMO interventions to ensure that individuals within the offices of technology transfer are provided with opportunities to acquire the necessary skills to enable them to effectively **identify, protect, manage and commercialise** intellectual property.

Skills requirements as outlined in the Capacity Development Strategy

Table 1: Skills requirement

CATEGORY	FUNCTION	POTENTIAL CAPACITY DEVELOPMENT INTERVENTION
Advocacy and Awareness	<ul style="list-style-type: none"> ▪ Internal and external marketing of the OTT ▪ Awareness of Institutional IP policies and IPR Act ▪ IP Scouting 	<ul style="list-style-type: none"> ▪ <i>IP Wise</i>[™] ▪ Webinars, ▪ Presentations
IP Management	<ul style="list-style-type: none"> ▪ Screening invention disclosures ▪ IP analysis including Freedom To Operate (FTO) searches ▪ Coordinating patent specification information packs between researchers and patent attorneys ▪ Coordinating patent filings ▪ Managing the patent portfolio ▪ Conducting IP Audits ▪ Drafting IP strategies for the IP portfolio ▪ Managing all TT related agreements 	<ul style="list-style-type: none"> ▪ <i>IP Wise</i>[™] ▪ Webinars ▪ Courses¹ ▪ Formal training programs² ▪ Workshops ▪ Seminars
Commercialisation	<ul style="list-style-type: none"> ▪ Liaising with industry on OTT IP portfolio ▪ Sourcing potential licensees ▪ Negotiating license agreements ▪ Crafting heads of agreements for licenses ▪ Managing spin-outs ▪ Collecting royalties from licensees ▪ Business plans for IP with spin-out potential ▪ Analysing the markets for technologies 	<ul style="list-style-type: none"> ▪ Webinars ▪ Workshops³ ▪ Short Courses⁴ ▪ Seminars
Support for Technology development	<ul style="list-style-type: none"> ▪ Technical analysis of invention disclosures ▪ Technology evaluation and assessment of IP for technical readiness levels ▪ Project Management ▪ Sourcing funding for the technology 	<ul style="list-style-type: none"> ▪ Residence in training programs⁵ ▪ Workshops ▪ Short Courses

¹ WIPO Academy and SARIMA

² UNISA IP Chair Short Learning Program

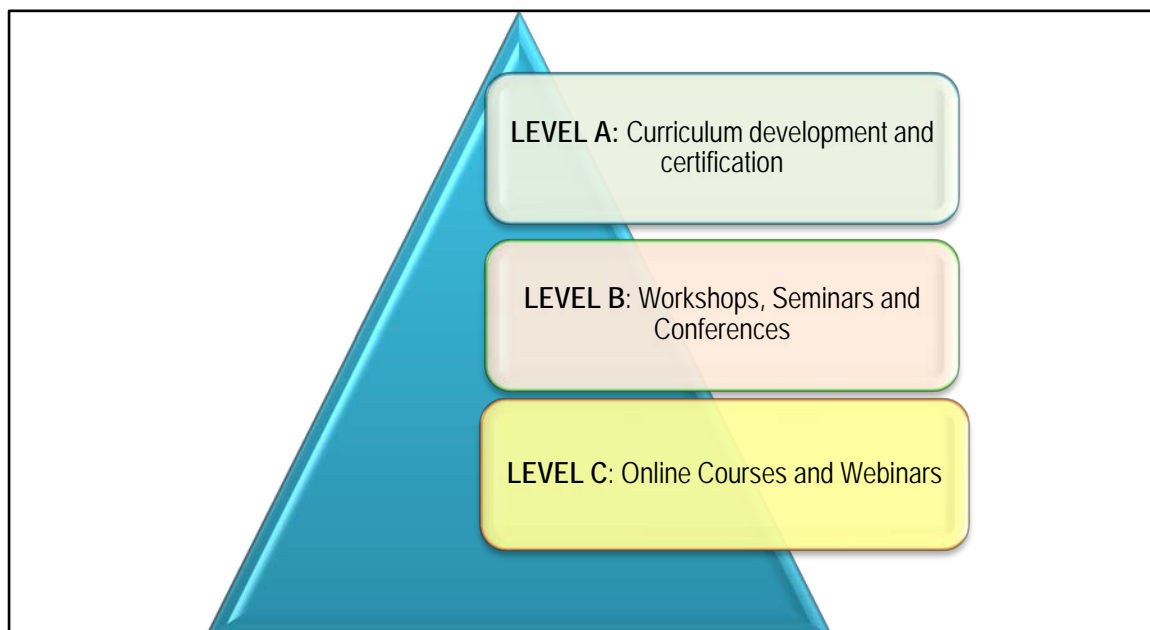
³ LES/SARIMA/AUTM etc.

⁴ LES/SARIMA/AUTM etc.

⁵ Local and International

Capacity Development interventions are structured according to three levels as follows:

- i. Level A: Professional Development (Formal Qualifications - Curriculum Development and Certification).
- ii. Level B: Workshops, Seminars, Conferences and Residence in training programs
- iii. Level C: Online Courses and Web based seminars.



LEVEL A: CURRICULUM DEVELOPMENT AND CERTIFICATION

Intervention	Programmes	NIPMO Action	Individuals to be supported per annum	Cost
NIPMO-UNISA IP Chair	Advanced Short Learning Program on IP Management and Innovation	NIPMO support for OTT officials	10	R6000 per person
	Post Graduate Diploma on IP Management ⁶	NIPMO support for OTT officials	5	To be determined
Certified Licensing Professionals	Certified Licensing Professionals ⁷	Collaboration with Licensing Executives Society for CLP examination	3	To be determined
Association for Technology Transfer Professionals	Registered Technology Transfer Professionals ⁸	Collaboration with Southern African Research and Innovation Managers Association for RTTP examination	3	To be determined
Candidate Patent Attorneys Development Program	Candidate Patent Attorneys Development Program ⁹	Collaboration with Technology innovation Agency and the Department of Trade and Industry	2	To be determined
Candidate Patent Agents Development Programme	Candidate Patent Agents Development Programme ¹⁰	Collaboration with Technology innovation Agency and the Department of Trade and Industry	2	To be determined
Curriculum Development	Incorporation of IP into the Basic Education curriculum ¹¹	Collaboration with CIPC and Department of Basic Education	N/A	N/A

⁶ To be implemented with effect from 2018

⁷ To be implemented with effect from 2018

⁸ To be implemented with effect from 2018

⁹ To be implemented with effect from 2018

¹⁰ To be implemented with effect from 2018

¹¹ To be implemented with effect from 2018

LEVEL B - WORKSHOPS, SEMINARS AND CONFERENCE

Intervention	Programmes	NIPMO Action	Individuals per annum	Cost/annum
Advocacy and Awareness	<i>IP Wise</i> TM	University/Science Council Focus (Information Sharing Sessions, Seminars, Training Workshops, Practice Notes, Guidelines)	500	Budget R1m
		Government Department Focus (Information Sharing Sessions)		
		SMMEs Focus (Information Sharing Sessions)		
	Legal Fraternity (Information Sharing Sessions, Practice Notes, Guidelines)			
World IP Day	Awareness Workshops, Exhibitions, (Information Sharing Sessions)			
Workshops	Technology Transfer related workshop	Collaboration with an International Organisation	1 workshop per annum -target 50 individuals	R500k
	TISC related workshop	Collaboration with WIPO	1 workshop per annum -target 50 individuals	R150 k
WIPO Summer School	Summer School on IP&TT	Collaboration with WIPO/CIPC and a tertiary institution	1 summer school per annum -target 50 individuals 0	R500 k
Residence in training Programs	Local and/or International OTTs	Collaboration with interested parties for hosting of TT professionals	To be determined	To be determined

LEVEL C - ONLINE COURSES AND WEB BASED SEMINARS

Intervention	Programmes	NIPMO Action	Individuals per annum	Cost
World Intellectual Property Organisation (WIPO) Distance Learning Courses (Through the Technology and Innovation Support Centre (TISC) Initiative)	DL101 - General Course on Intellectual Property	NIPMO/CIPC Agreement with WIPO for Scholarships - TISC host institutions	50	WIPO TISC Scholarship
	DL201 - Copyright and Related Rights			
	DL203 - Intellectual Property, Traditional Knowledge and Traditional Cultural Expressions			
	DL301 - Patents			
	DL302 - Trademarks, Industrial Designs and Geographical Indications			
	DL318 - Patent Information Search			
	DL320 - Basics of Patent Drafting			
	DL450 - Intellectual Property Management			
Web based Seminars	Freely available Webinars	Identification of Webinars	2	R0

Please do not hesitate to contact NIPMO (info@nipmo.org.za; 012 844 0222) should you have any questions with regards to any matter in this capacity development implementation plan.

A handwritten signature in black ink, appearing to read 'Kerry Faul', with a stylized flourish.

DR KERRY FAUL

HEAD: NIPMO

DATE: 23 FEBRUARY 2016