



telecommunications
& postal services

Department:
Telecommunications and Postal Services
REPUBLIC OF SOUTH AFRICA

NEMISA

Presentation for SMMEs

innovation

collaboration

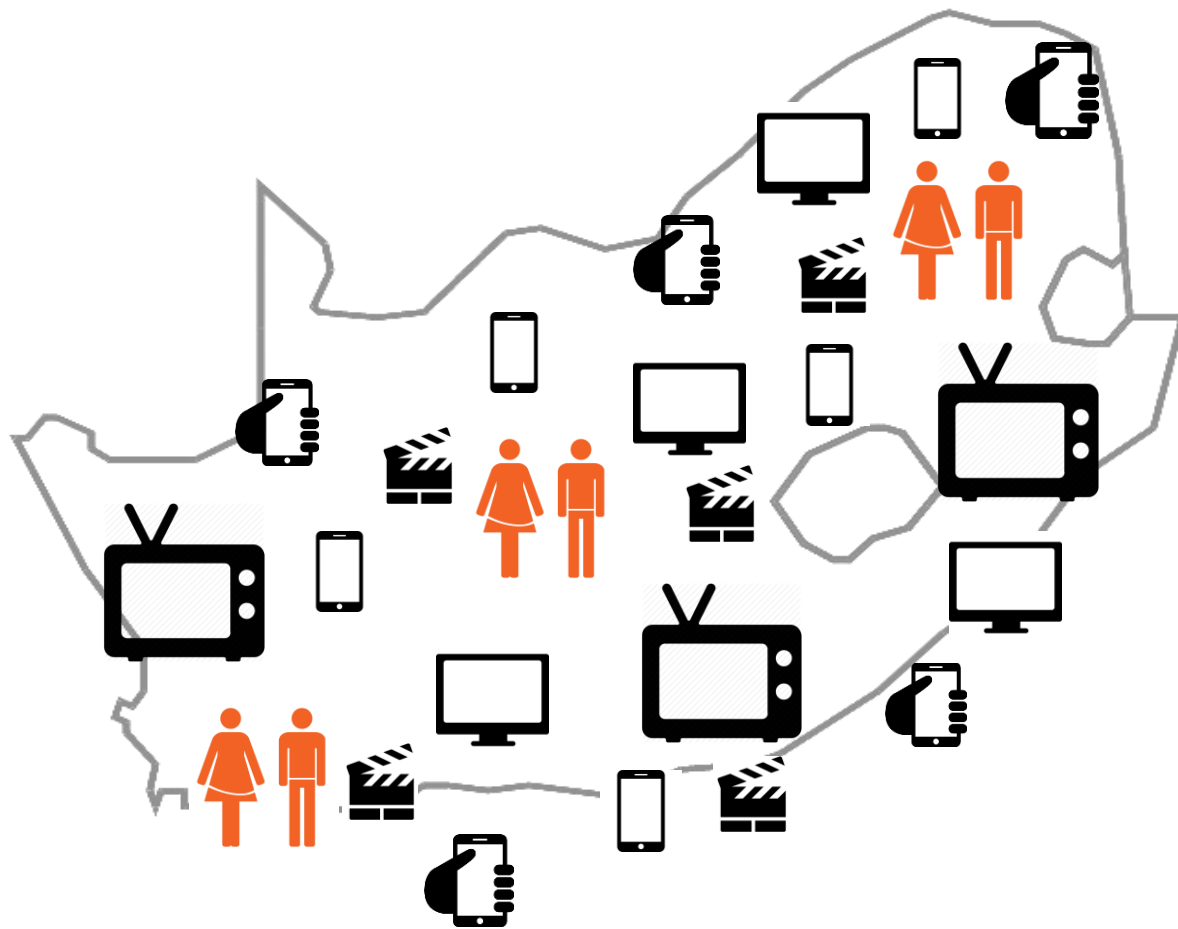
agility

visionary

impactful

integrity

vision: An e-skilled society by 2030



What is an e-skill (digital skill)?

An e-skill is **more than computer literacy** (knowing the basics of how to use a computer).

It means **being able to use technology to add benefit to your life** – to actively take part in the world and move ahead.

An e-skill means being able to use technology so you can actively participate in the world and move ahead.

in your culture and community

when you learn

through contacting government online

with jobs and in business

by exploring new ways of doing

with your friends

in your personal life

Why does SA need e-skills?

ICTs (digital technology) affects all sectors of business, education, government and individuals **in all areas of life.**

The ability – for everyone – to effectively use ICTs is needed...

...so all South Africans can participate more equitably **in a society increasingly dominated by ICT.**

There is an absence of skills that allow workers, **entrepreneurs** and public servants to seize opportunities in the digital world.



Being ranked at 65th position in the 2016 Networked Readiness Index of the World Economic Forum (47th in 2007) shows that **South Africa is still not ready (e-ready) for full inclusion into the emerging Digital Economy and Information Society.**

Different types of e-skills

e-literacy or digital literacy

**user digital skills
(sector)**

**ICT
practitioner**

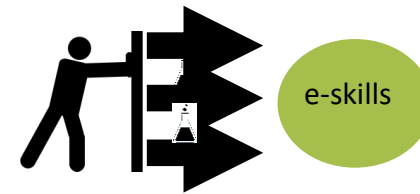
e-leader or digital leader

To provide a **national integrated e-skills framework development system**

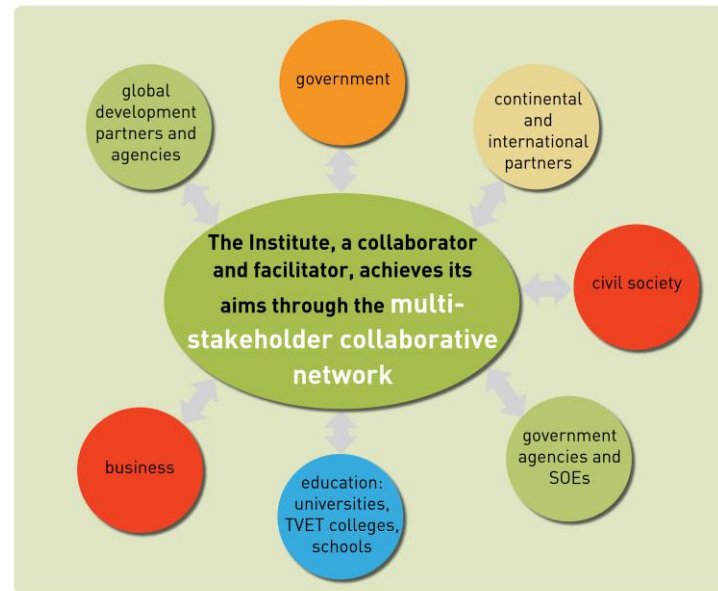
towards sustainable socio-economic development in South Africa.

national
e-skills framework development
integrated

- act as a **national catalyst and change agent** for the development of e-skills
- play a **leading and advocacy role** in developing users, consumers and citizens within the globally evolving information and knowledge-based environment
- use a **distributive model (ie physical presence in each of the 9 provinces)** that allows for government, business, education, organised labour and civil society to better position South Africa for a Digital Society and Economy



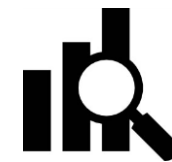
Ensuring global, national and local innovation is channelled into the e-skills agenda for national impact.



- **Address all e-skills interventions** through teaching and learning, research, innovation, monitoring and evaluation and aggregation.



teaching and learning



research



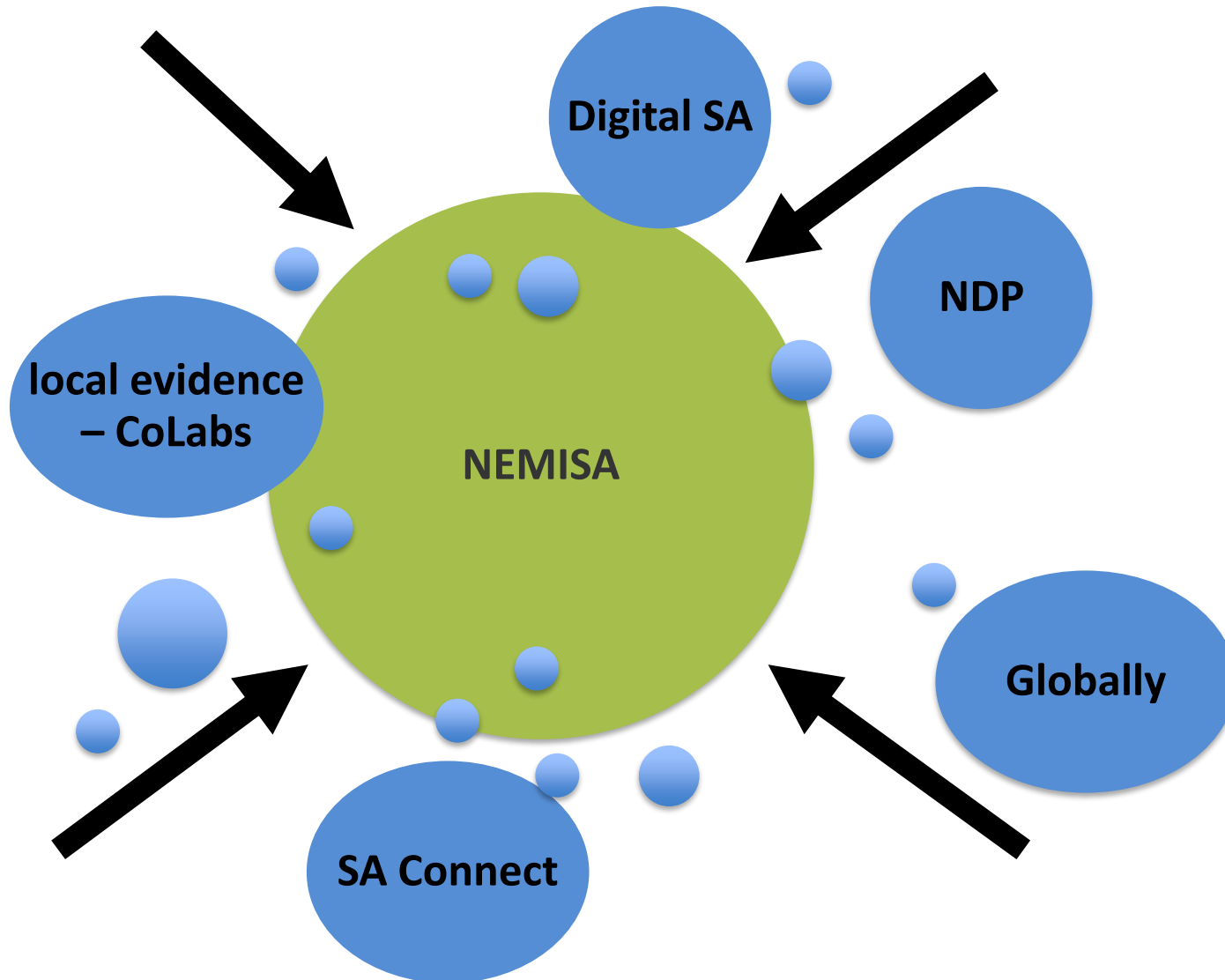
innovation



monitoring & evaluation



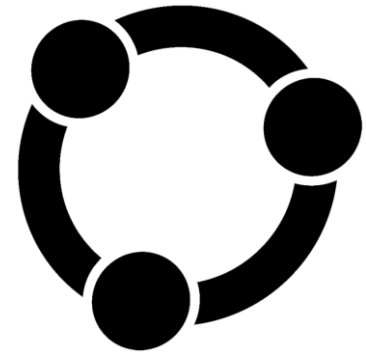
aggregation



What services do we offer?

Part of **national and provincial government working groups.**

Alignment with government and within government.
Platforms for collaboration across Government, business,
education and civil society



multi-stakeholder collaboration

Creating a common vision



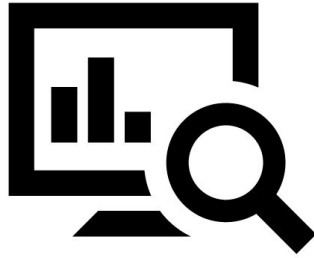
e-astuteness development
(teaching and learning)

Provincial e-Skills CoLabs develop and align training and education interventions.

Ensures ICT education and training expertise, infrastructure, and courses deliver the needed e-competence development.

e-Skills CoLabs are attached to accredited universities.

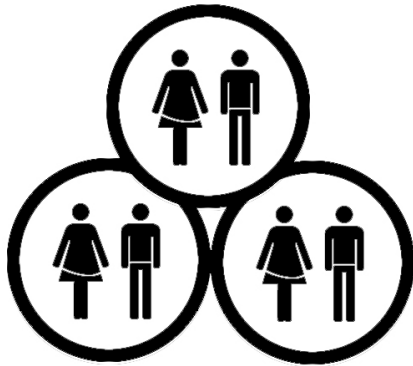
What services do we offer?



knowledge for innovation
(research)

Innovative research network focusing on e-skills with links to universities locally and internationally

Stakeholders can invest in research, participate in the proceedings, and learn more about the research, among other things.



knowledge for innovation
(research)

Provides thought leadership regarding the development and use of e-skills in the country.

This ranges from seminars and workshops to conferences. Stakeholders can become involved as partners or recipients.

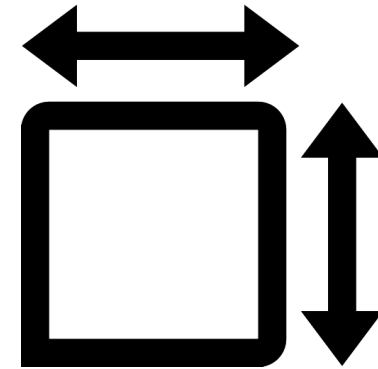
What services do we offer?

Monitors and evaluates the e-skills readiness and progress of the country to participate effectively in the digital era.

Has a monitoring and evaluation framework – to inform and support evidence-based policies

Provide feedback to national departments on e-skills development in national plans and programmes

Creates a formal process to engage with government from a collective stakeholder stance.



aggregation
(monitoring and evaluation framework)

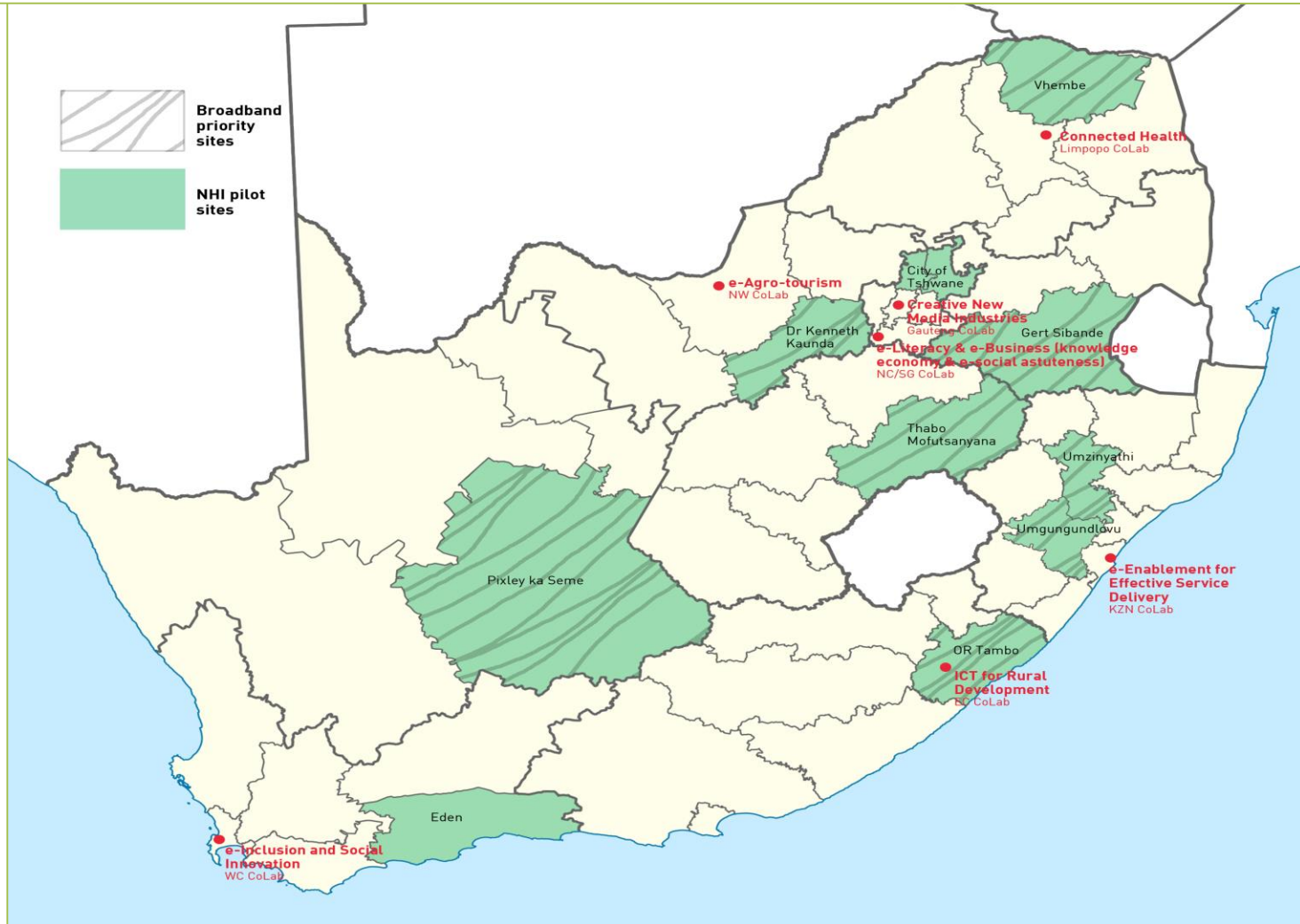
Develop and apply e-skills indicators for determining and measuring the e-skills demands and supply needs.

This is done in collaboration with government, business, education and training and civil society.

NEMISA's e-skills thematic areas



collaboration for acceleration



Entrepreneurs are seen as **engines of growth** in developing countries.

The National Development Plan projects that, by 2030, **90% of new jobs will be created in small businesses.**

The meaningful use of **ICTs can play a significant role in developing entrepreneurs:**

- Improve efficiencies and productivity
 - Open up new opportunities in the local and global market.
-

NEMISA focuses on developing SMMEs



Some SMME-focus interventions

The MediaTech Project in the W Cape – developed SMME intervention, ‘Mobile skills for business enablement’:

Used Living Labs approach (real-life creation, development and testing) to research current ICT business practices in SMMEs.

The aim – to improve business by increasing ICT use, particularly mobile technology for active participation in the digital economy.

Partners include the Bandwidth Barn in Khayelitsha, University of the Western Cape, Digital Inclusion, and Telkom.



Some SMME-focus interventions



Collaboration with the SABC – learnerships: Three-year national project to build human resources in film and TV. Includes focus on equipping for freelance or start-up business.



e-Literacy and other skills programmes for unemployed youth in disadvantaged communities in Namakwa District, Northern Cape – partnership with Atlantica Yield, a solar power company: Includes building entrepreneurship skills, from e-skills to developing business plans.



‘Social media for SMMEs’ workshops in E Cape.

Some SMME-focus interventions

In Limpopo, partnered with Intel ‘She Will Connect’ initiative using the Intel Easy Steps course: Developing e-skills and entrepreneurship in young women.



In KZN, partnered with Accenture’s ‘Skills to Succeed’ programme, aimed at developing skills for employment and entrepreneurship for unemployed ICT graduates. Other partners – Media Sea, MICT, The Rockefeller Foundation, Durban University of Technology.



Thought Leadership Series on the Digital Economy – in W Cape, open to national audience. Partnering the Faculty of Economic and Management Sciences, University of the Western Cape. Provides a shared platform between business and academia.

Join NEMISA's network



As a national catalyst for the development of e-skills in South Africa, NEMISA calls on e-skills stakeholders to become involved in the integrated approach to e-skills development through our multi-stakeholder collaborative network.

We are a state-owned entity that reports to the Department of Telecommunication and Postal Services.

For more information, contact:

info@nemisa.co.za

011 484 0583