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Goal	Description	Do African RRENs/NRENs contribute Directly to this Goal?	Do African RRENs/NRENs contribute indirectly to this Goal?	
1	End poverty in all its forms everywhere	No	No	
2	End hunger, achieve food security and improved nutrition and promote sustainable agriculture	No	Yes	
3	Ensure healthy lives and promote well-being for all at all ages	No	Yes	
4	Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all	Yes	Yes	
5	Achieve gender equality and empower all women and girls	Yes	Yes	
6	Ensure availability and sustainable management of water and sanitation for all	No	Yes	
7	Ensure access to affordable, reliable, sustainable and modern energy for all	No	No	
8	Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all	Yes	Yes	
9	Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation	Yes	No	
10	Reduce inequality within and among countries	No	No	
11	Make cities and human settlements inclusive, safe, resilient and sustainable	No	No	
12	Ensure sustainable consumption and production patterns	No	No	
13	Take urgent action to combat climate change and its impacts	Yes	Yes	
14	Conserve and sustainably use the oceans, seas and marine resources for sustainable development	No	Yes	
15	Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss	No	Yes	
16	Promote peaceful and inclusive societies for sustainable development, provide access to justice for all and build effective, accountable and inclusive institutions at all levels	No	No	
17	Strengthen the means of implementation and revitalize the global partnership for sustainable development	Yes	No	



Target	Description	Direct Contribution	Argument	Examples, if yes	Indirect Contribution	Argument	Examples, if yes
1.1	By 2030, eradicate extreme poverty for all people everywhere, currently measured as people living on less than \$1.25 a day	No			No		
1.2	By 2030, reduce at least by half the proportion of men, women and children of all ages living in poverty in all its dimensions according to national definitions	No			No		
1.3	Implement nationally appropriate social protection systems and measures for all, including floors, and by 2030 achieve substantial coverage of the poor and the vulnerable	No			No		
1.4	By 2030, ensure that all men and women, in particular the poor and the vulnerable, have equal rights to economic resources, as well as access to basic services, ownership and control over land and other forms of property, inheritance, natural resources appropriate new technology and financial services, including microfinance	No			No		
1.5	By 2030, build the resilience of the poor and those in vulnerable situations and reduce their exposure and vulnerability to climate- related extreme events and other economic, social and environmental shocks and disasters	No			No		
1.a	Ensure significant mobilization of resources from a variety of sources, including through enhanced development cooperation, in order to provide adequate and predictable means for developing countries, in particular least developed countries, to implement programmes and policies to end poverty in all its dimensions	No			No		
1.b	Create sound policy frameworks at the national, regional and international levels, based on pro-poor and gender-sensitive development strategies, to support accelerated investment in poverty eradication actions	No			No		

2 ZERO HUNGER

Target	Description	Direct Contribution	Argument	Examples, if yes	Indirect Contribution	Argument	Examples, if yes
2.1	By 2030, end hunger and ensure access by all people, in particular the poor and people in valnerable situations, including infants, to safe, nutritious and sufficient food all year round.	No			Yes	NRENs provide advanced research infrastructure and services to institutions and research centres that work on food sustainability and agliculture related projects.	1) JENET Vinual Lab supports related nesamich to preserve vital food source in Korna (https://www.inthefieldatories.mstpreserving-a-vital-food source-with-the-help-of-advanced-research- infrastructurer) 2) The Norwegian College of Fishery Science held lectires for the student of the City University of Mogaldhiu cho wor make use of mainer resources. The lessons use the connectivity provided by the regional FEN. (<i>Ittps://www.inthefieldatories.mstbridging</i> -7002-in-to-teach-faharries- management) 3) NRENs support connectivity needs for The Digital Earth Arice and dressing some of Africa's greatest sustainability challenges, i.e. food insecurity. (<i>Ittps://www.inthefieldatories.mstbridging</i> - outro-theorement-integer and the connectivity provided by MoRNet, McAmolyan Institute of Melsocology has improved the tasks of colliccting, transferring and processing vestiter information, and in hum, the effects of disasters, forecasting process. The vestiter information channel is widely used for decision-making, miligating the effects of disasters, forecasting processing vestiter information, and deep sea fishing, etc.
2.2	By 2030, end all forms of malnutrition, including achieving, by 2025, the internationally agreed targets on stunting and wasting in children under 5 years of age, and address the nutritional needs of adolescent girls, pregnant and lactating women and older persons	No			No		
2.3	By 2030, double the agricultural productivity and incomes of small-scale food producers, in particular women, indigenous peoples, family fammers, pastoralists and faibers, including through secure and equal access to land, other productive resources and inputs, isoportugits, for subus addition and non-farm employment	No			No		
2.4	By 2030, ensure sustainable food production systems and implement resilient agricultural production, that help maintain acceystems, that strengther capacity for adaption to climate change, extreme weather, drought, flooding and other disasters and that progressively improve land and soil quality	No			Yes	End users, such as researchers and scientistis working on food sustainability challenges, make use of NREN's connectivity to access the information they need, such as satellite data, for their work.	 Thi IRF-SIC laboratory of the Ibn Zohr University connected through the Moroccan NREN MARWAN created thematic maps of the Agadir region using remote sensing and CIS technology to (https://www.inthefieldstories.net/mapping-the-landscape-managing-the-futurer) NREN support connectivity needs for The Digital Earth Africa platform, collecting information bout ground cover, core health and costal environment, and this helps support sustainable farming practices. (https://www.inthefieldstories.net/supg-atellite-imagery-to-solve-real-world-problems/)
2.5	By 2020, maintain the genetic diversity of seeds, cultivated plants and formed and omensicated annuals and their related wild species, including through soundly managed and diversities ead and plant banks at the national regional and international levels, and promote access to and fair and equitable sharing of benetits arising from the utilization of genetic recourse and associated traditional knowledge, as internationally agreed	No			No		
2.a	Increase investment, including through enhanced international cooperation, in rural infrastructure, agricultural research and extension services, technology development and plant and livestock gene banks in order to enhance agricultural productive capacity in developing countries, in particular least developed countries	No			Yes	NRENs provide connectivity services to research centres and institutions working on enhancing agricultural productive capacity.	KENET Virtual Lab, which supports related research to preserve vital food source in Kenya and mantain sustainable growing methods of cassa plant, is a joint initiative between Kenya, Uganda and Tarzania. This initiative makes use of the NREN's advanced cloud technology. (https://www.initefieldstories.net/preserving -vital*/accs.unce-with-the-help-of-advanced-research- infrastructure*)
2.b	Correct and prevent trade restrictions and distortions in world agricultural markets, including through the parallel elimination of all forms of agricultural export subsidies and all export measures with equivalent effect, in accordance with the mandate of the Doha Development Round	No			No		
2.c	Adopt measures to ensure the proper functioning of food commodity markets and their derivatives and facilitate timely access to market information, including on food reserves, in order to help limit extreme food price volatility	No			No		



Target	Description	Direct Contribution	Argument	Examples, if yes	Indirect Contribution	Argument	Examples, if yes
3.1	By 2030, reduce the global maternal mortality ratio to less than 70 per 100,000 live births	No			No		
3.2	By 2030, end preventable deaths of newborns and children under 5 years of age, with all countries aiming to reduce neonatal mortality to at least as low as 12 per 1,000 live births and under-5 mortality to at least as low as 25 per 1,000 live births	No			No		
3.3	By 2030, end the epidemics of AIDS, tuberculosis, malaria and neglected tropical diseases and combat hepatits, wate-borne diseases and other communicable diseases	No			Yes	NRENs connect and provide internet services to various hospitals and research institutes working on combatting health diseases. Internet connectivity results in better administration, and aids in the provision of services such as remote scanning and operation of patients.	 FERU has provided internet connectivity to a hospital facility in Kyabinva Uganda enabling rende surgery and training. (https://atrica.connect3.net/renu-powers-surgical-operations-in- ugandar) RENU donated network equipment to UVRI to help the institute cope with increased bandwidth needs. UVRI is one of the leading infectious disease research facilities in Sub-Sharna Africa and contributed greatly to Uganda's fight against COVID-19. (https://https://attival.com/RENU_2658/status/15494229494030304)
3.4	By 2030, reduce by one third premature mortality from non-communicable diseases through prevention and treatment and promote mental health and well-being	No			No		
3.5	Strengthen the prevention and treatment of substance abuse, including narcotic drug abuse and harmful use of alcohol	No			No		
3.6	By 2020, halve the number of global deaths and injuries from road traffic accidents	No			No		
3.7	By 2030, ensure universal access to sexual and reproductive health-care services, including for family planning, information and education, and the integration of reproductive health into national strategies and programmes	No			No		
3.8	Achieve universal health coverage, including financial risk protection, access to quality essential health-care services and access to safe, effective, quality and affordable essential medicines and vaccines for all	No			No		
3.9	By 2030, substantially reduce the number of deaths and illnesses from hazardous chemicals and air, water and soil pollution and contamination	No			No		
3.a	Strengthen the implementation of the World Health Organization Framework Convention on Tobacco Control in all countries, as appropriate	No			No		
3.b	Support the research and development of vaccines and medicines for the communicable and non-communicable diseases that primarily affect developing countries, provide access to affordable essential medicines and vaccines, in accordance with the Doha Declaration on the TRIPS Agreement and Public Health, which affirms the right of developing countries to use to the full the provisions in the Agreement on Trade-Related Aspects of Intellectual Property Rights regarding faxibilities to protect public health, and, in particular, provide access to medicines for all	No			No		
3.c	Substantially increase health financing and the recruitment, development, training and retention of the health workforce in developing countries, especially in least developed countries and small island developing States	No			Yes	NRENs provide connectity to schools in the health sector which contribute to the development and training of the health workforce.	In september 2021, TENET began the rolling out eduroam for medical staff and students. (https://www.tenet.ac.za/news/rolling- oul-eduroam-for-medical-staff-and-students)
3.d	Strengthen the capacity of all countries, in particular developing countries, for early warning, risk reduction and management of national and global health risks	No			No		

4	QUAL Educ	ITY ATION	
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Target	Description	Direct	Argument	Examples, if yes	Indirect Contribution	Argument	Examples, if yes
4.1	By 2030, ensure that all girls and boys complete free, equitable and quality primary and secondary education leading to relevant and effective learning outcomes	No			No		
4.2	By 2030, ensure that all girls and boys have access to quality early childhood development, care and pre-primary education so that they are ready for primary education	No			No		
4.3	by 2000, ensure equal access for all women and men to altoritable and quality technical, vecational and tertary education, including uniterativy	Yes	NRENs provide education establishments with adfordable and reliable connectivity and associate. Low concorrelicity prices and user institution provide a testier sequences and faster more apportunities for the student. Many of these services have also been have the services and the second second advanting the COV-16 prandemic), whether evaluates a more inclusive access to exclusion the second second second excessives.	 ZMREN effect Moode Unit in the their institutions in Zambia, heiping bectures and students sustain teaching and unit 2000-1013. (https://discourcel.ndr.atame.institution.com/discreter exclusion/or.24.member. 24.tbbc/discreter.24.tbbc	No		
4.4	By 2030, substantially increase the number of youth and adults also have retrained adults, and adults and on have retrained adults employment, accent jobs and entrepreneutation	Yes	NREN initiatives facilitate the education and training of youth and adults in relevant skills, which trainitiate includer employment opportunities for them.	1) Eko-Konnect dudent internahip initiative. The Campus Technology Internahip Program (CTP), aims to bridge the gap between body's advanced computing and relevancing behaviologies in higheria's higher education community initiation of the state of the	Yes	By providing internet connectivity to higher education establishments on nart off compare, NRDNs Indirectly increases accessibility to endor cognitivatives to the second second second second second pro- timation of the second pro- timation of the second pro- timation of the second pro- second second second pro- timation of the second pro- second second second pro- second second second second pro- second second second second pro- timation of the second second second pro- second sec	
4.5	By 2030, eliminate gender disparities in education and ensure equal access to all levels of education and vocational training for the vulnerable, including persons with disabilities, indigenous peoples and children in vulnerable situations	Yes	NRENs facilitate women empowerment initiatives with the aim of inspiring young girls to pursue a career in STEM subjects	 WACREN provided courses and workshops to prev 2009 young enorming yoing them a jump-start for their career. (https://www.inthefectStories.net/empowering-workshow.accestor-anlices) Eto-Konnect student internets in initiation. The Campus Technology Internstity Program (CTP) to bridge the gap between today's advanced computing and networking technologies and transvledge shared in Nigeris's higher education community. (http://www.initiations.internet.i	Yes	By providing internet connectivity to universities and research institutes, NREMs indirectly increase accessibility to education opportunities to both genders and to the wilnerables as well.	
4.6	By 2020, secure that all you'rh and a eutoanafal groportion of a Julia, both man ard women, acheve Tileracy and numeracy	Yes	Higher education institutions can proceen atherability institutions of the NERN, hereby increasing accessibility is ductation for their tuktorist. This increases duccess adds in increasing leners and numerative levels. NERNs also proved tall an exabling a smooth transition is caller lawning during are CVVD14 pandemic.	1) Through Moodle, ZAMREN ensured learning continued across its member intstitutions during COVID19. (https://www.ithefieldizbries.net/advancing-online-kenning-kenning-kenning-is-n-anniba) 2) KENET Lissed with SF-br goved and forstable interest business by advances during the guademic. (https://www.interliefieldizbries.net/ensuring-atticates-interest-networks-access-to-online-resourcest-// 3) GARNET's writeless connectivity instanticuture improves the quality of education and the access to digital learning material. (https://www.interliefieldizbries.net/ensuring-40-000-university-duotetrs/) 4) TENET respitationed the access to online-testimation or adfroad-tabler for students. (https://www.interliefieldizbries.net/connectivity-students/) 4) TENET respitationed the access to online-testimation networks that for students. (https://www.interliefieldizbries.net/connectivity-students/) 5) CCK collaborated with the Ministry of Calcactarion to profited access. being declarations in the adabate to access being declarationaria. (https://www.interliefieldizbries.net/connectivity-students/) 5) CCK collaborated with the Ministry of Calcactarion to profited access. being declaration platforms (Teams. Zoom, etc.).	No		
4.7	By 2030, ensure that all learners acquire the knowledge and skills needed to promote sustainable development, including, among others, through education for sustainable development and sustainable lifetyles, human rights, gender equality, promotion of a culture of paces and non-vidence, global citizenship and appreciation of cultural diversity and of culture's contribution to sustainable development	No			Yes	NRENs providing connectivity to higher education institutions working on sustainable development initiatives	Talta-Taveta University, which is connected through KENET in Kenya, hosts the TATAGS project (in collaboration with Finland) aiming at boosting the use and application of geoinformation in forestry, agiculture, water resources, etc wentually aiding sustainable development. (https://www.oph.filen/projects/taitagis)
4.a	Build and upgrade education facilities that are child, disability and gender sensitive and provide safe, non-violent, inclusive and effective learning environments for all	No			No		
4.b	By 2030, substantially expand globally the mumber of scholarships available to developing countries, in particular least developed countries, and i land developing States and Alfrace countries, for enrolment in higher education, including vocational taning and information and communications technology, technical, engineering and scientific programmes, in developed countries and other developing countries	No			No		
4.c	B) 2000, substantially increase the supply of qualified backets, including through international cooperation for isacher training in developing contracts, expectally least developed countries and small lated developing States	No			Yes	Internet connectivity provided in universities and other higher education institutions pluying an important ties in baining teachers and trainers	1) Ubertukket Alliance's programme "Train flee Tainet" almed to create training currical and inclutioning uniternational cooperation. <i>https://www.nice.opinis/abg/2016/https://www.nice.opinis/abg</i>

5 GENDER EQUALITY

Target	Description	Direct Contribution	Argument	Examples, if yes	Indirect Contribution	Argument	Examples, if yes
5.1	End all forms of discrimination against all women and girls everywhere	Yes	Several NRENs and their member institutons provide equal opportunities to their students and personal beyond the field of ICT. Through declated and focused training and memorining programma, they have been addressing the improve the opportunities available to women.	1) The University of Revanda has been running mentorship programms and training for young gris. Part of the University, the Center for Gender Studies works in support of the government's gender equally objective. (https://g.g.u.t.a.r.w). 2) Some NREMs and member institutions, such as SANRED in South African and the University of Uganda. A member institutions, and the SANRED in South African and the University of Uganda. The been running perform equality anarceness training. 3) In Tunisia, UNESCO has been estimated that gender equality has already been achieved will before 2030. The country counts 80% of female representation in areas of excellence and it is the frat country for African and the subscription. (https://dise.anarchens.(https://dise.anarchens.com/get/anarchens.the.Trainian/RFC is equally feading the change and often services to the country's FEIs with 6% of the students being some.)	No		
5.2	Eliminate all forms of violence against all women and girls in the public and private spheres, including trafficking and sexual and other types of exploitation	No			No		
5.3	Eliminate all harmful practices, such as child, early and forced marriage and female genital mutilation	No			No		
5.4	Recognize and value unpaid care and domestic work through the provision of public services, infrastructure and social protection policies and the promotion of shared responsibility within the household and the family as nationally appropriate	No			No		
5.5	Ensure women's full and effective participation and equal opportunities for leadership at all levels of decision- making in political, economic and public life	Yes	By adopting policies and joining initiatives that promote gender equality in the public sector, organisations ensure that scholarships are assigned equality to women and men, female students neceive child support if needed, and that students microship is available equally to both genders.	In 2022, Makerere University in Uganda has become the first public sector institution in the country to enroll in the United Nations Development Programme's Gender Equality Seal women's empowerment in public sector institutions. (https://www.undp.org/ana/s/revs/makerer-university-joins-undps-gender- equality-seal-public- institutions#isst-Makerersity20University520etconfs20ates/20eccome%200th_empowerm ent/Scates/S	Yes	By employing more women and giving them equal job opportunities, some NRENs indrext improve these women's participation to society and empower them economically.	Some African NRENs, such as GARNET in Ghana and RBER in Benin, have employed women in entry-level and leadership positions within the organisations. This has/will clearly empower them economically and improve their status in society. RENU in Uganda operates at an almost equally balanced gender ratio.
5.6	Ensure universal access to sexual and reproductive health and reproductive rights as agreed in accordance with the Programme of Action of the International Conference on Population and Development and the Beijing Platform for Action and the outcome documents of their review conferences	No			No		
5.a	Undertake reforms to give women equal rights to economic resources, as well as access to ownership and control over land and other forms of property, financial services, inheritance and natural resources, in accordance with national laws	No			No		
5.b	Enhance the use of enabling technology, in particular information and communications technology, is promote the empowerment of women	Yes	NRENs and RRENs have been carrying out women empowerment initiatives.	 Eko-Konnect runs ICT workshops and hacktathon for young girls. (https://www.eko- konnect.org.ng/ic/4girls-irluia-Inaciation/) WACREN provided courses and winkshops in ICT to use 2000 young women gling titem a jump-state for their cases: (https://www.ithefieldstoines.net/empowering-women-in-western-africa) The Harrae institute of Technology (HIT) in Zimbatwe has been hosting the Women in Technology over on International Women's Day. (https://www.facebo.com/HarraenshulterOf Econologist Komen-in-technology- eventthe-harrae-institute-of-technology-in-tosting the-women's715307966851/). HiT has also becolsconting with Wilegiels to Improver her visubility of women under the Will Loves Women Initiative. (http://meta.wilemida.org/wild/WIL_Curse_Women'eff) 	No		
5.c	Adopt and strengthen sound policies and enforceable legislation for the promotion of gender equality and the empowerment of all women and girls at all levels	No			No		



Target	Description	Direct Contribution	Argument	Examples, if yes	Indirect Contribution	Argument	Examples, if yes
6.1	By 2030, achieve universal and equitable access to safe and affordable drinking water for all	No			No		
6.2	By 2030, achieve access to adequate and equitable sanitation and hygiene for all and end open defecation, paying special attention to the needs of women and girls and those in vulnerable situations	No			No		
6.3	By 2030, improve water quality by reducing pollution, eliminating dumping and minimizing release of hazardous chemicals and materials, haiving the proportion of untrealed wateswater and substantially increasing recycling and safe reuse globally	No			No		
6.4	By 2030, substantially increase water-use efficiency across all sectors and ensure sustainable withdrawals and supply of freshwater to address water scarcity and substantially reduce the number of people suffering from water scarcity	No			No		
6.5	By 2030, implement integrated water resources management at all levels, including through transboundary cooperation as appropriate	No			Yes	NRENs support connectivity needs of ned users working at research institutions and university programmes on the topic of water management.	1) NRENs support connectivity needs for The Digital Earth Africa platform addressing zone of Africa's gravest sustainability challenges like water management. (https://www.inthefieldstories.nethre-power-of-earth- observation) 2) Taita-Tarveta University, which is connected through KENET in Kanya, hosts the TATRADS project (in collaboration with Filand) aiming at boosting the use and application of geniformation in foresity, agriculture, water resources, etc. eventually aiding sustainable development. (https://www.off.netropicet.trategis)
6.6	By 2020, protect and restore water-related ecosystems, including mountains, forests, wetlands, rivers, aquifers and lakes	No			No		
6.a	By 2030, expand international cooperation and capacity-building support to developing countries in water- and sanitation-related activities and programmes, including water harvesting, desalination, water efficiency, wastewater treatment, recycling and reuse technologies	No			No		
6.b	Support and strengthen the participation of local communities in improving water and sanitation management	No			No		



Target	Description	Direct Contribution	Argument	Examples, if yes	Indirect Contribution	Argument	Examples, if yes
7.1	By 2030, ensure universal access to affordable, reliable and modern energy services	No			No		
7.2	By 2030, increase substantially the share of renewable energy in the global energy mix	No			No		
7.3	By 2030, double the global rate of improvement in energy efficiency	No			No		
7.a	By 2030, enhance international cooperation to facilitate access to clean energy research and technology, including renewable energy, energy efficiency and advanced and cleaner fossil-fuel technology, and promote investment in energy infrastructure and clean energy technology	No			No		
7.b	By 2030, expand infrastructure and upgrade technology for supplying modern and sustainable energy services for all in developing countries, in particular least developed countries, small island developing States, and land-locked developing countries, in accordance with their respective programmes of support	No			No		

Target	Description	Direct	Argument	Examples, if yes	Indirect	Argument	Examples, if yes
8.1	Jescription Sustain per capita economic growth in accordance with national circumstances and, in particular, at least 7 per cent gross domestic product growth per annum in the least developed countries	Contribution No	Argument	Examples, ir yes	Contribution No	Argument	Examples, ir yes
8.2	Achieve higher levels of economic productivity through diversification, technological upgrading and innovation, including through a focus on high-value added and labour-intensive sectors	No			No		
8.3	Promote development-oriented policies that support productive activities, decent job creation, entrepreneurship, creativity and innovation, and encourage the formalization and growth of micro-, small- and medium- sized enterprises, including through access to financial services	No			Yes	The work that is done by NRENs helps shape public policies that play a role in economic development.	TENET has made important regulator submissions on behalf of the South African university community to addres aspects of zero-rating at policy level. (https://www.tenet.ac.za/news/behinc the-scenes-work-helps-shape-public policy)
8.4	Improve progressively, through 2030, global resource efficiency in consumption and production and endeavour to descuple economic growth from environmental degradation, in accordance with the 10- year framework of programmes on sustainable consumption and production, with developed countries taking the lead	No			No		
8.5	By 2030, achieve full and productive employment and decent work for all women and men, including for young people and persons with disabilities, and equal pay for work of equal value	Yes	By offering ICT courses and workshops to women as well at training to advector. NRRNA help them gain essential skills for the job market.	1) Elo-Konnect runs ICT workshops and hacktathon for young girls. (http:://www.elo-konnect.org.ngl 2) WACREB provided courses and workshops in ICT bore? 2000 young wornen giving them a jump-start for heir caseer. (http:://www.infeeldstatives.net/emposite for heir caseer. (http:://www.infeeldstatives.net/emposite. 3) NRENe employ young staft, for an example see ERUUs graduate trainceship. 4) The UbuntNeA Alliance offers conine training during the COVO19 pandemic to elearning instructors and NREN engineers. (http:://www.infeeldstatives.connect?.see Uburus-eliance-holdswebian/): (http:://www.infeeldstatives.connect?.see Uburus-eliance-holdswebian/): (http:://www.infeeldstatives.connect?.see Uburus-eliance-holdswebian/): (http:://www.infeeldstatives.connect?.see Uburus-eliance-holdstatives.ebian/): (http:://www.infeeldstatives.connect?.see Uburus-eliance-holdstatives.connect?.see through online courses, for final-year university tutlents of ICT courses. The best tuberts at the Alsonical Plases, in addition to receiving an internationalizer-sol- icccomgetion-in-courts-eliance-house-ised-sec-young-mozanticer-sol- icccomgetion-in-courts-eliance-house-ised-sec-young-mozanticer-sol- icccomgetion-in-courts-eliance-house-ised-young-mozanticer-sol- icccomgetion-in-courts-eliance-house-ised-sec-young-mozanticer-sol- icccomgetion-in-courts-eliance-house-ised-young-mozanticer-sol- icccomgetion-in-courts-eliance-house-ised-young-mozanticer-sol- project's partners. The ulimate objective is to bubid adequate human resource capacities and house partners. In leadors of the European Commission, house been supporting the delivery of training courses is the project's partners. The ulimate objective is to bubid adequate human resource capacities and house to beat topot	No		
8.6	By 2020, substantially reduce the proportion of youth not in employment, education or training	Yes	Through increased access to educational facilities, students are able to learn skills that improve their employability, Additionally, adoption of services that are provided by NRENs by institutions creates jobs in some instances.	See examples above. Every NREN serves as an example for this target.	No		
8.7	Take immediate and effective measures to eradicate forced labour, end modern slavery and human trafficking and secure the prohibition and elimination of the worst forms of child labour, including recruitment and use of child soldiers, and by 2025 end child labour in all its forms	No			No		
8.8	Protect labour rights and promote safe and secure working environments for all workers, including migrant workers, in particular women migrants, and those in precarious employment	No			No		
8.9	By 2030, devise and implement policies to promote sustainable tourism that creates jobs and promotes local culture and products	No			No		
8.10	Strengthen the capacity of domestic financial institutions to encourage and expand access to banking, insurance and financial services for all	No			No		
8.a	Increase Aid for Trade support for developing countries, in particular least developed countries, including through the Enhanced Integrated Framework for Trade- Related Technical Assistance to Least Developed Countries	No			No		
8.b	By 2020, develop and operationalize a global strategy for youth employment and implement the Global Jobs Pact of the International Labour Organization	No			No		

9 INDUSTRY, INNOVATIO AND INFRASTRUCTUR

Target	Description	Direct Contribution	Argument	Examples, if yes	Indirect Contribution	Argument	Examples, if yes
9.1	Develop quality, reliable, sustainable and realisent infrastructure, including regional and transborder infrastructure, to support economic development and human well- being, with a focus on atfordable and equilable access for all	Yes	NRENs are communication networks with realiable and resilient infrastructure aimed at enabling better and inclusive access to digata technologies and interact connectivity for all technologies and theread connectivity for economic development and the end users' well being.	 Every NREN serves as an example here - their free or more economic services (with respect to ISPs) foster innovation, are as asset for economic growth and hep amove down the digitary in the Arkano confinent. The ArkacOnnect project phases, with the support of the European Commission, here been fostering digitar transformation for the research and education community arcress the African confinent by supporting a bable, realistical advecable regional infrastructure which includes the notable, realistical advecable regional infrastructure which includes the notable, realistical advecable regional infrastructure which includes the notable, realistical hostics services for regionalized, strengthering open access and open scenes across the confinent.	No		
9.2	Promote inclusive and sustainable industrialization and, by 2030, significantly raise industry's share of employment and gross domestic product, in line with national circumstances, and double its share in least developed countries	No			No		
9.3	Increase the access of small-scale industrial and other enterprises, in particular in developing countries, to financial services, including affordable credit, and their integration into value chains and markets	No			No		
9.4	By 2030, upgrade infrastructure and retrofit industries to make them sustainable, with increased resource-use efficiency and greater adoption of clean and environmentally sound technologies and industrial processes, with all countries taking action in accordance with their respective capabilities	No			No		
9.5	Enhance scientific research, upgrade the technologial capabilities of industrial sectors in all countries, in particular developing countries, including, by 2030, encouraging innovation and substantially increasing the number of research and development workres per 1 million people and public and private research and development spending	Yes	Through providing more affordable internet connectivity, NRENs enhance scientific research possibilities and upgrade the technological capacities of their member institutions.	There are serverial examples of specific scientific network in the development that NERs has extendiated to Intray their connectivity and technology services. The Egyptian National Authority for Remote Sensing and Space Sciences (NARSS), the undersea ANTARES neutrino telecope, ATLAS aspectment, The Square Klomente Antra (SKA), and Utatin Arica. NERs scholar cutput by giving more online platforms with affordable connectivity to the scientific community.	No		
9.a	Facilitate sustainable and resilient infrastructure development in developing countries through enhanced financial, technological and technical support to African countries, least developed countries, landlocked developing countries and small island developing States	Yes	NRENs themselves are sustainable and resilient - and constantly developing - telecommunications infrastructure, which benefit of regional and international financial, technological and technical collaborations.	One of the most recent example of NREN establishment is Mauritania. The creation of an NREN or an infrastructure upgrade benefits the wider African R&E community as it enables isolitated knowledge sharing and internet access. (https://www.ihefielstotion-enhumathani-joins-the-academic- network-community/)	No		
9.b	Support domestic technology development, research and innovation in developing countries, including by ensuring a conducive policy environment for, inter aila, industrial diversification and value addition to commodities	Yes	NRENs work in support of the research and education community by fostering technology development, scientific research and innovation, including in developing countries and landlock states. Their independence is a valuable asset when advising on the development of inclusive policies on education, research and IT.		No		
9.c	Significantly increase access to information and communications technology and strive internet in least developed countries by 2030	Yes	NEEN work to increase access to digital infrastructures and technologies for African R&E institutions. They enhance access to providing inclusive and affordable access to internet connectivity.	The examples are numerous as every NREN offers more affordable, and at times these, internet connectify and declatate ICT services to their mores. Including all Ocotions A New res: Constant and the end of the	No		



Target	Description	Direct Contribution	Argument	Examples, if yes	Indirect Contribution	Argument	Examples, if yes
10.1	By 2030, progressively achieve and sustain income growth of the bottom 40 per cent of the population at a rate higher than the national average	No			No		
10.2	By 2030, empower and promote the social, economic and political inclusion of all, irrespective of age, sex, disability, race, ethnicity, origin, religion or economic or other status	No			Yes	By empowering young girls and women with ICT focused course and workshops, NRENs indirectly promote their social and economic inclusion within society.	
10.3	Ensure equal opportunity and reduce inequalities of outcome, including by eliminating discriminatory laws, policies and practices and promoting appropriate legislation, policies and action in this regard	No			Yes	As above, by providing more training and employment opportunities to women, NRENs foster more inclusive work environments. This reduces inequality of outcomes by increasing women's employability opprtunities.	Eko-Konnect's ICT for Girls Programme and the WACREN's Women in WACREN have over the years served as quasi advocacy tools to make cases for the inclusion and employment of women in ICT fields. This is a gradual step in influencing the policy direction of organisations, governments and associations in the favor of women.
10.4	Adopt policies, especially fiscal, wage and social protection policies, and progressively achieve greater equality	No			No		
10.5	Improve the regulation and monitoring of global financial markets and institutions and strengthen the implementation of such regulations	No			No		
10.6	Ensure enhanced representation and voice for developing countries in decision-making in global international economic and financial institutions in order to deliver more effective, credible, accountable and legitimate institutions	No			No		
10.7	Facilitate orderly, safe, regular and responsible migration and mobility of people, including through the implementation of planned and well- managed migration policies	No			No		
10.a	Implement the principle of special and differential treatment for developing countries, in particular least developed countries, in accordance with World Trade Organization agreements	No			No		
10.b	Encourage official development assistance and financial flows, including foreign direct investment, to States where the need is greates, in particular least developed countries, African countries, smal island developing States and landlocked developing countries, in accordance with their national plans and programmes	No			No		
10.c	By 2030, reduce to less than 3 per cent the transaction costs of migrant remittances and eliminate remittance corridors with costs higher than 5 per cent	No			No		



Target	Description	Direct Contribution	Argument	Examples, if yes	Indirect Contribution	Argument	Examples, if yes
11.1	By 2030, ensure access for all to adequate, safe and affordable housing and basic services and upgrade slums	No			No		
11.2	By 2030, provide access to safe, affordable, accessible and sustainable transport systems for all, improving road safety, notably by expanding public transport, with special attention to the needs of those in vulnerable situations, women, children, persons with disabilities and older persons	No			No		
11.3	By 2030, enhance inclusive and sustainable urbanization and capacity for participatory, integrated and sustainable human settlement planning and management in all countries	No			No		
11.4	Strengthen efforts to protect and safeguard the world's cultural and natural heritage	No			No		
11.5	By 2030, significantly reduce the number of deaths and the number of people affected and substantially decrease the direct economic losses relative lo global gross domestic product caused by disasters, including water-related disasters, with a focus on protecting the poor and people in vulnerable situations	No			No		
11.6	By 2030, reduce the adverse per capita environmental impact of cities, including by paying special attention to air quality and municipal and other waste management	No			No		
11.7	By 2030, provide universal access to safe, inclusive and accessible, green and public spaces, in particular for women and children, older persons and persons with disabilities	No			No		
11.a	Support positive economic, social and environmental links between urban, per-urban and rural areas by strengthening national and regional development planning	No			No		
11.b	By 2020, substantially increase the number of cities and human settlements adopting and implementing integrated policies and plans towards inclusion, resource efficiency, mitigation and adaptation to climate change, resilience to disasters, and develop and implement, in line with the Sendai Framework for Disaster Risk Reduction 2015-2030, holistic disaster risk management at all levels	No			No		
11.c	Support least developed countries, including through financial and technical assistance, in building sustainable and resilient buildings utilizing local materials	No			No		



Target	Description	Direct Contribution	Argument	Examples, if yes	Indirect Contribution	Argument	Examples, if yes
12.1	Implement the 10-year framework of programmes on sustainable consumption and production, all countries taking action, with developed countries taking the lead, taking into account the development and capabilities of developing countries	No			No		
12.2	By 2030, achieve the sustainable management and efficient use of natural resources	No			Yes	Through providing increased and better internet connection to research institutes, NRENs contribute indirectly to supporting research in the field of sustainability dervironmental resources.	 The IRF-SIC laboratory of the Ibn Zohr University connected through the moroccan NREN MARWAN created thematic maps of the Agadir region using renote sensing and GIS technology to help land-management authorities take action to protect the area.(https://www.inthefieldstories.net/mapping-the- landscape-managing-the-future) NRENs support connectivity needs for The Digital Earth Africa platform, collecting information about ground cover, crop health and coastal environments, and this helps support sustainable farming practices (https://www.inthefieldstories.net/using-satellite/imagery-to-solve-real-world- problems/)
12.3	By 2030, halve per capita global food waste at the retail and consumer levels and reduce food losses along production and supply chains, including post- harvest losses	No			No		
12.4	By 2020, achieve the environmentally sound management of chemicals and all wastes throughout their life cycle, in accordance with agreed international frameworks, and significantly reduce their release to air, water and soil in order to minimize their adverse impacts on human health and the environment	No			No		
12.5	By 2030, substantially reduce waste generation through prevention, reduction, recycling and reuse	No			No		
12.6	Encourage companies, especially large and transnational companies, to adopt sustainable practices and to integrate sustainability information into their reporting cycle	No			No		
12.7	Promote public procurement practices that are sustainable, in accordance with national policies and priorities	No			No		
12.8	By 2030, ensure that people everywhere have the relevant information and awareness for sustainable development and lifestyles in harmony with nature	No			No		
12.a	Support developing countries to strengthen their scientific and technological capacity to move towards more sustainable patterns of consumption and production	No			No		
12.b	Develop and implement tools to monitor sustainable development impacts for sustainable tourism that creates jobs and promotes local culture and products	No			No		
12.c	Rationalize inefficient fossil-fuel subidies that encourage wastelfu consumption by removing market distortions, in accordance with national circumstances, including by restructiving taxation and phasing out those harmful subsidies, where they exist, to reflect their environmental impacts, taking rolly into account the specific needs and conditions of developing countries and minimizing the possible adverse impacts on their development in a manner that protects the poor and the affected communities	No			No		



Target	Description	Direct Contribution	Argument	Examples, if yes	Indirect Contribution	Argument	Examples, if yes
13.1	Strengthen resilience and adaptive capacity to climate-related hazards and natural disasters in all countries	No			Yes	NRENs provide connectivity services to research centres and institutions working on combatting climate-related hazards.	 NERse support connectivity needs for The Diplat Earth Africa platform addressing some of Minci's greatest sustainability challenges like climate change. (https://africa.connect3.net/hte-power-of-earth-observation-intriview-with-adam-iewise) The National Authority for Remote Sensing and Space Sciences (NARSS) which is connected to Egypt's sistentific NENE (INSTINET) researchers have to predict dust and sandstorms. (https://www.inhefieldistories.net/monitoringmonitoring-dust-storms-to-pive- asthma-aufferera-beatening) Taita-Taveta University. connected through KENET in Kenya, hoats the TAITAGIS project animing at a toosing access to pointimenta education and training to be better equipped to collect and analyse environmental and climatic data to aid at preparations for natural disasters and environmental and climatic education-and-training-to-aid-sustainabie- partnership-boosts-access-to-geoinformatics-education-and-training-to-aid-sustainabie- devicipment)
13.2	Integrate climate change measures into national policies, strategies and planning	No			No		
13.3	Improve education, awareness-raising and human and institutional capacity on climate change mitigation, adaptation, impact reduction and early warning	No			Yes	NRENs provide connectivity to higher education institutions and initiatives aimed at expanding climate-related teaching expertise and capacity.	Talta-Taveta University, connected through KENET in Kenya, hosts the TAITACIS project aiming at a boosting access to geoinformatics education and training to be better equipped to collect and analyse environmental and dimatic data to aid at adaptation to climate change. (https://www.inthefieldstories.net/kenya-finiard-partnership-boosts access-to- geoinformatics-education-and-training-to-aid-sustainable-everlogment/)
13.a	Implement the commitment undertaken by developed-country parties to the United Nations Framework Convention on Climate Change to a goal of mobilizing jointly \$100 billion annually by 2020 from all sources to address the needs of developing country and in the context of meaningful mitigation and fully operationalize the Green Climate Fund through its capitalization as soon as possible	No			No		
13.b	Promote mechanisms for raising capacity for effective climate change-related planning and management in least developed countries and small island developing States, including focusing on women, youth and local and marginalized communities	Yes	Several NRENs and their member institutions have been consciously adopting greener solutions for their own working environment and services.	CCK is establishing a Data Center fully compliant to energy saving standard. The Center is also working to obtain the Green Data Center label and is currently working with GIZ for the installation of photovoltaic panels to generate electricity.	No		



Target	Description	Direct Contribution	Argument	Examples, if yes	Indirect Contribution	Argument	Examples, if yes
14.1	By 2025, prevent and significantly reduce marine pollution of all kinds, in particular from land-based activities, including marine debris and nutrient pollution	No			No		
14.2	By 2020, sustainably manage and protect marine and coastal ecosystems to avoid significant adverse impacts, including by strengthening their resilience, and take action for their restoration in order to achieve healthy and productive oceans	No			No		
14.3	Minimize and address the impacts of ocean acidification, including through enhanced scientific cooperation at all levels	No			No		
14.4	By 2020, effectively regulate harvesting and end overfishing, illegal, unreported and unregulated fishing and destructive fishing practices and implement science-based management plans, in order to restore fish stocks in the shortest time feasible, at least to levels that can produce maximum sustainable yield as determined by their biological characteristics	No			No		
14.5	By 2020, conserve at least 10 per cent of coastal and marine areas, consistent with national and international law and based on the best available scientific information	No			No		
14.6	By 2020, prohibit certain forms of fisheries subsidies which contribute to overcapacity and overfishing, eliminate subsidies that contribute to liegal, uneported and unregulated fishing and refrain from introducing new such subsidies, recognizing that appropriate and effective special and differential treatment for developing and least developed countries should be an integral part of the World Trade Organization fisheries subsidies negotiation	No			No		
14.7	By 2030, increase the economic benefits to Small Island developing States and least developed countries from the sustainable use of marine resources, including through sustainable management of lisheries, aquaculture and tourism	No			Yes		
14.a	Increase scientific knowledge, develop research capacity and transfer matine technology, taking into account the Intergovernmental Oceanographic Commission Criteria and Guidelines on the Transfer of Matine Technology, in order to improve ocean health and to enhance the contribution of marine biodiversity to the development of developing countries, in particular small island developing States and least developed countries	No			Yes	NRENs provide advanced research infrastructure and services to institutions and research centres developing marine technology.	The Norwegian College of Fishery Science held live lectures for the student of the City University of Mogadishu on how to make use of marine resources. The lessons use the connectivit provided by the regional REN. (https://www.nthr/fieldstor/es.neb/ndging-7000-km-to- lead-fisheries-management). MARWAN connects researchers at several sites across Morocco who collaborate with European colleagues on the undersea ANTARES neutrino telescope, which helps better understand the effect of climate change on the oceans and global change studies and its consequence on marine circulation and biodiversity. (https://www.inthefieldstories.net/morocc-boosts-scientific- connect/uty/) 3) CCK in Tunisia is soon going to deploy a project that will facilitate research on marine life through HPC.
14.b	Provide access for small-scale artisanal fishers to marine resources and markets	No			No		
14.c	Enhance the conservation and sustainable use of oceans and their resources by implementing international law as reflected in UNCLOS, which provides the legal framework for the conservation and sustainable use of oceans and their resources, as recalled in paragraph 158 of The Future We Want	No			No		



Target	Description	Direct Contribution	Argument	Examples, if yes	Indirect Contribution	Argument	Examples, if yes
15.1	By 2020, ensure the conservation, restoration and sustainable use of terrestrial and inland freshwater eccsystems and their services, in particular forests, welfands, mountains and drylands, in line with obligations under international agreements	No			No		
15.2	By 2020, promote the implementation of sustainable management of all types of forests, hait deforestation, restore degraded forests aubstantially increase afforestation and reforestation globally	No			No		
15.3	By 2030, combat desertification, restore degraded land and soil, including land affected by desertification, drought and floods, and strive to achieve a land degradation-neutral world	No			Yes	The internet connectivity provided by NREN is key to enhance applications in geosciences and environmental sciences. Soil mapping is one of these data-intensive activities which require reliable and high-speed bandwith and seamless access to gloabal data.	The University of Zambia has been benefitting from ZAMREN's high speed bandwith to create digital soll mapping to monitor soil degradation and provide inputs to sutainable land management. (https://www.threfieldstofes.archibeling. to-map-soil-resources-in-zambia/
15.4	By 2030, ensure the conservation of mountain ecosystems, including their biodiversity, in order to enhance their capacity to provide benefits that are essential for sustainable development	No			No		
15.5	Take urgent and significant action to reduce the degradation of natural habitats, halt the loss of biodiversity and, by 2020, protect and prevent the extinction of threatened species	No			No		
15.6	Promote fair and equitable sharing of the benefits arising from the utilization of genetic resources and promote appropriate access to such resources, as internationally agreed	No			No		
15.7	Take urgent action to end poaching and trafficking of protected species of flora and fauna and address both demand and supply of illegal wildlife products	No			No		
15.8	By 2020, introduce measures to prevent the introduction and significantly reduce the impact of invasive alien species on land and water ecosystems and control or eradicate the priority species	No			No		
15.9	By 2020, integrate ecosystem and biodiversity values into national and local planning, development processes, poverty reduction strategies and accounts	No			No		
15.a	Mobilize and significantly increase financial resources from all sources to conserve and sustainably use biodiversity and ecosystems	No			No		
15.b	Mobilize significant resources from all sources and at all levels to finance sustainable forest management and provide adequate incentives to developing countries to advance such management, including for conservation and reforestation	No			No		
15.c	Enhance global support for efforts to combat poaching and trafficking of protected species, including by increasing the capacity of local communities to pursue sustainable livelihood opportunities	No			No		



Target	Description	Direct Contribution	Argument	Examples, if yes	Indirect Contribution	Argument	Examples, if yes
16.1	Significantly reduce all forms of violence and related death rates everywhere	No			No		
16.2	End abuse, exploitation, trafficking and all forms of violence against and torture of children	No			No		
16.3	Promote the rule of law at the national and international levels and ensure equal access to justice for all	No			No		
16.4	By 2030, significantly reduce illicit financial and arms flows, strengthen the recovery and return of stolen assets and combat all forms of organized crime	No			No		
16.5	Substantially reduce corruption and bribery in all their forms	No			No		
16.6	Develop effective, accountable and transparent institutions at all levels	No			No		
16.7	Ensure responsive, inclusive, participatory and representative decision-making at all levels	No			No		
16.8	Broaden and strengthen the participation of developing countries in the institutions of global governance	No			No		
16.9	By 2030, provide legal identity for all, including birth registration	No			No		
16.10	Ensure public access to information and protect fundamental freedoms, in accordance with national legislation and international agreements	No			No		
16.a	Strengthen relevant national institutions, including through international cooperation, for building capacity at all levels, in particular in developing countries, to prevent violence and combat terrorism and crime	No			No		
16.b	Promote and enforce non- discriminatory laws and policies for sustainable development	No			No		

17 PARTNERSHIPS FOR THE GOALS			Direct			Indirect		
	Target	Description	Contribution	Argument	Examples, if yes	Contribution	Argument	Examples, if yes
66	17.1	Strengthen domestic resource mobilization, including through international support to developing countries, to improve domestic capacity for tax and other revenue collection	No			No		
	17.2	Developed countries to implement fully their official development assistance commitments, including the commitment by mary developed countries to achieve the target of 0.7 per cent of ODA/GNI to developing countries and 0.15 to 0.20 per cent of ODA/GNI to least developed countries, ODA providers are encouraged to consider setting a target to provide at least 0.20 per cent of ODA/GNI to least developed countries	No			No		
	17.3	Mobilize additional financial resources for developing countries from multiple sources	No			No		
	17.4	Assist developing countries in attaining long- term debt sustainability through coordinated policies aimed at fostering debt financing, debt relief and debt restructuring, as appropriate, and address the external debt of highly indebted poor countries to reduce debt distress	No			No		
	17.5	Adopt and implement investment promotion regimes for least developed countries	No			No		
	17.6	Enhance North-South, South-South and triangular regional and international ochechogon on innovaces and enhance knowledge sharing on mutually agreed terms, incluing through improved recordination among existing mechanisms, in particular at the United Nations level, and through a global technology facilitation mechanism	Yes	NRENs promote cross-continental collaboration and multi-stateholder patherships for a more inclused access to collaborate anomology and immovation.	There are several examples for NRENs' global collaboration initiatives: 2021 MoU between Africa and Lafin America to rump up open science expand-lisence-collaboration-with-the-provision-charavicas- agreen-disence-collaboration-with-the-provision-charavicas- agreen-disence-collaboration-with-the-provision-charavicas- agreen-disence-collaboration-with-the-provision-charavicas- decestability-log-pendecation-reasers- decestability-log-pendecation-reasers- decestability-log-pendecation-reasers- and Nacambiques from telehealth to opter security. Collaborating across borders to train engineers in Africa (https://www.inthefieldstories.net/cooperation-with-mozambique-from- tehealth-co-pendecation-reasers/bit international collaboration to build communities of practice and strengthen open science and to escente Autolities in Africa (https://bitmsere.en.altocation).	No		
	17.7	Promote the development, transfer, dissemination and diffusion of environmentally sound technologies to developing countries on favourable terms, including on concessional and preferential terms, as mutually agreed	No			No		
	17.8	Fully operationalize the technology bank and actions, technology and innovation capacity- biliting mechanism for least developed countries by 2017 and enhance the use of enabling technology. In particular information and communications technology	Yes	NRENs contribute directly to increasing the number of students, researchers and educators connected to the internet. They improve access to digital infrastructures and technology and have operationalised numerous multi-stakeholder capacity building mechanisms to ensure knowledge sharing.	By providing more affordable internet to HEs across Africa, all NRENs are sample of direct contributors to this target. Providing free on and off campus with romaing (adrumant and metro oduroand) as well as ensuring a smooth transition to online learning during the COVID19 pandemic through learning services and applications, are examples of how NRENs enhance the use of enabling technology. They have also set up several initiatives for tegional and global capacity building, such as LBSBNSE, Emerging NREN Programme and the Africa Training hintarke, training workhops in the areas of TAL; optenexcutry, cloud and network engineering. All capacity building programmes are aimed to develop skilled staff who are explayed to support the NRENs and their mothers' networks.	No		
	17.9	Enhance international support for implementing effective and targeted capacity- building in developing countries to support national plans to implement all the sustainable development goals, including through North-South, South-South and triangular cooperation	Yes	NRENs actively seek international collaboration opportunities and exchanges so as to promote a global transfer of technical and operational skills and expertise.	Through the abovementioned capacity building programmes as well as through students and teachers exchange programmes, NRENs and their member institutions ensure the effectiveness and sustability of their infrastructures and services so as to continue to contribute to the SOGs. An example is the Sustainable Development Solutions Network (SDSN Uganda Network) is uninched at Makerere University in 2021. The aim of the network is to implement capacity building mechanisms to acheve SDGs through the mobilisation of universities, research centres, civil societies, private and public sector. (<i>Rps://dxn- uganda.org/articles/news/bdrs-uganda-launch</i>)			
	17.10	Promote a universal, rules-based, open, non- discriminatory and equitable multilateral trading system under the World Trade Organization, including through the conclusion of negotiations under its Doha Development Agenda	No			No		
	17.11	Significantly increase the exports of developing countries, in particular with a view to doubling the least developed countries' share of global exports by 2020	No			No		
	17.12	Realize timely implementation of duty-free and quota-free market access on a lasting basis for all lead developed countries, consistent with World Trade Organization decision, including by ensuring that preferential rules of origin applicable to imports from lead developed countries are transparent and simple, and contribute to facilitating market access	No			No		
	17.13	Enhance global macroeconomic stability, including through policy coordination and policy coherence	No			No		
	17.14	Enhance policy coherence for sustainable development Respect each country's policy space and	No			No		
	17.15	Respect each country's poincy space and leadership to establish and implement policies for poverty eradication and sustainable development	No			No		
	17.16	Enhance the global partnership for sustainable development, complemented by multi-stakeholog partnerships that mobilize and share knowledge, expertise, technology and financial resources, to support the achievement of the sustainable development goals in all countries, in particular developing countries	Yes	NRENs actively seek cross-continental collaboration and multi-stakeholder partnerships to promote knowledge sharing. Thanks to these partnerships, NRENs contribute to \$DGs through different activities and in different fields.	See examples above (17.6).	No		
	17.17	Encourage and promote effective public, public-private and civil society partnerships, building on the experience and resourcing strategies of partnerships	Yes	NRENs collaborate with both the public and private sector.	Examples of collaboration agreements and MoU signed with other global networks (RedClara, Association of Arab Universities, NSRC) as well as with private/non-profit organisations (La Referencia, ORCID and ISOC).	No		
	17.18	By 2020, enhance capacity-building support to developing countries, including for least developed countries and small sland developing States, to increase significantly meliable data disaggregated by income, pender, age, race, ethnicity, migratory states, disability, geographic location and other characteristics relevant in national contexts	No			No		
	17.19	By 2030, build on existing initiatives to develop measurements of progress on sustainable development that complement gross domestic product, and support statistical capacity-building in developing countries	No			No		