

Goal 9: Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation		
Human rights and labour standards	Name and description of selected priority	Comments on selected priority indicator
Target 9.1 Develop quality, reliable, sustainable and resilient infrastructure, including regional and transborder infrastructure, to support economic development and human well-being, with a focus on affordable and equitable access for all		
<p>UDHR, art. 25: (1) Everyone has the right to a standard of living adequate for the health and well-being of himself and of his family, including food, clothing, housing</p> <p>ICESCR art. 11(1): The States Parties to the present Covenant recognize the right of everyone to an adequate standard of living for himself and his family,</p> <p>CEDAW art. 14.2 (h): To enjoy adequate living conditions, particularly in relation to housing, sanitation, electricity and water supply, transport and communications</p> <p>CRPD art. 9: 1. To enable persons with disabilities to live independently and participate fully in all aspects of life, States Parties shall take appropriate measures to ensure to persons with disabilities access, on an equal basis with others, to the physical environment, to transportation, to information and communications, (...) These measures, which shall include the identification and elimination of obstacles and barriers to accessibility, shall apply to, inter alia: a) Buildings, roads, transportation and other indoor and outdoor facilities, including schools, housing, medical facilities and workplaces.</p> <p>UNDRIP art. 32.2. States shall consult and cooperate in good faith with the indigenous peoples concerned through their own representative institutions in order to obtain their free and informed consent prior to the approval of any project affecting their lands or territories and other resources, particularly in connection with the development, utilization or exploitation of mineral, water or other resources.</p>	Share of the rural population who live within 2km of an all season road	The suggested indicator does not capture the aspects of affordable and equitable access, but solely the geographical distance to an all season road (availability). The indicator should be strengthened to address affordability and accessibility.
	Passenger and freight volumes	No human rights reference
Target 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		
Target not directly human rights referenced	Manufacturing Value Added (share in GDP, per capita, % growth)	
	Manufacturing employment, in percent to total employment	
Target 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		

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<p>Job Creation in Small and Medium-Sized Enterprises Recommendation, 1998 (No. 189). This ILO Recommendation recommends ILO Member States to adopt measures in order to recognize and to promote the fundamental role that small and medium-sized enterprises can play.</p> <p>CEDAW art. 13: States Parties shall take all appropriate measures to eliminate discrimination against women in other areas of economic and social life in order to ensure, on a basis of equality of men and women, the same rights, in particular: b) The right to bank loans, mortgages and other forms of financial credit</p>	Percentage share of (M) small scale industries' value added in total industry value added	
Target 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		
<p>UDHR art. 27: Everyone has the right freely (...) to share in scientific advancement and its benefits.</p> <p>ICESCR, art. 15.1.: The States Parties to the present Covenant recognize the right of everyone: b) To enjoy the benefits of scientific progress and its application. Art. 15.2.: The steps to be taken by the States Parties to the present Covenant to achieve the full realization of this right shall include those necessary for the conservation, the development and the diffusion of science and culture.</p> <p>CRPD, art. 32: 1. States Parties recognize the importance of international cooperation and its promotion, in support of national efforts for the realization of the purpose and objectives of the present Convention, and will undertake appropriate and effective measures in this regard, between and among States and, as appropriate, in partnership with relevant international and regional organizations and civil society, in particular organizations of persons with disabilities. Such measures could include, inter alia: d) Providing, as appropriate, technical and economic assistance, including by facilitating access to and sharing of accessible and assistive technologies, and through the transfer of technologies..</p>	Resource productivity. Resource productivity is gross domestic product (GDP) divided by domestic material consumption (DMC). DMC measures the total amount of materials directly used by an economy. It is defined as the annual quantity of raw materials extracted from the domestic territory of the focal economy, plus all physical imports minus all physical exports.	
Target 9.5 Enhance scientific research, upgrade technological 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 workers per 1 million people and public and private research and development spending		
<p>UDHR art. 27: Everyone has the right freely (...) to share in scientific advancement and its benefits. Art. 28: Everyone is entitled to a social and international order in which the rights and freedoms set forth in this Declaration can be fully realized.</p> <p>ICESCR, Article 2 (1): Each State Party to the present Covenant undertakes to take steps, individually and through international assistance and co-operation, especially economic and technical, to the maximum of its available resources, with a view to achieving progressively the full realization of the rights recognized in the present Covenant by all appropriate means, including particularly the adoption</p>	R&D expenditure as percentage of GDP	

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<p>of legislative measures. Art. 11(1) The States Parties will take appropriate steps to ensure the realization of this right, [to an adequate standard of living] recognizing to this effect the essential importance of international co-operation based on free consent. Art. 15.1.: The States Parties to the present Covenant recognize the right of everyone: b) To enjoy the benefits of scientific progress and its application Art. 15.2.: The steps to be taken by the States Parties to the present Covenant to achieve the full realization of this right shall include those necessary for the conservation, the development and the diffusion of science and culture. 4. The States Parties to the present Covenant recognize the benefits to be derived from the encouragement and development of international contacts and co-operation in the scientific and cultural fields.</p> <p>CRC, art. 4: (...) With regard to economic, social and cultural rights, States Parties shall undertake such measures to the maximum extent of their available resources and, where needed, within the framework of international co-operation.</p> <p>CRPD, art. 32: 1. States Parties recognize the importance of international cooperation and its promotion, in support of national efforts for the realization of the purpose and objectives of the present Convention, and will undertake appropriate and effective measures in this regard, between and among States and, as appropriate, in partnership with relevant international and regional organizations and civil society, in particular organizations of persons with disabilities. Such measures could include, inter alia: d) Providing, as appropriate, technical and economic assistance, including by facilitating access to and sharing of accessible and assistive technologies, and through the transfer.</p>		
Target 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		
Same as above	Amount of investments in infrastructure as a % of GDP	
Target 9.b Support domestic technology development, research and innovation in developing countries, including by ensuring a conducive policy environment for, inter alia, industrial diversification and value addition to commodities		
<p>UDHR art. 27: Everyone has the right freely (...) to share in scientific advancement and its benefits.</p> <p>ICESCR, art. 15.1.: The States Parties to the present Covenant recognize the right of everyone: b) To enjoy the benefits of scientific progress and its application. Art. 15.2.: The steps to be taken by the States Parties to the present Covenant to achieve the full realization of this right shall include those necessary for the conservation, the development and the diffusion of science and culture.</p>	Percentage share of medium and high-tech (MHT) industry value added in total value added	

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CRPD, art. 32: 1. States Parties recognize the importance of international cooperation and its promotion, in support of national efforts for the realization of the purpose and objectives of the present Convention, and will undertake appropriate and effective measures in this regard, between and among States and, as appropriate, in partnership with relevant international and regional organizations and civil society, in particular organizations of persons with disabilities. Such measures could include, inter alia: d) Providing, as appropriate, technical and economic assistance, including by facilitating access to and sharing of accessible and assistive technologies, and through the transfer of technologies..		
Target 9.c Significantly increase access to information and communications technology and strive to provide universal and affordable access to the Internet in least developed countries by 2020		
<p>UDHR art. 19: Everyone has the right to freedom of opinion and expression; this right includes freedom to hold opinions without interference and to seek, receive and impart information and ideas through any media and regardless of frontiers. Art. 27: Everyone has the right freely to participate in the cultural life of the community, to enjoy the arts and to share in scientific advancement and its benefits.</p> <p>ICCPR art. 19 .2.: Everyone shall have the right to freedom of expression; this right shall include freedom to seek, receive and impart information and ideas of all kinds, regardless of frontiers, either orally, in writing or in print, in the form of art, or through any other media of his choice.</p> <p>ICESCR, art. 15.1.: The States Parties to the present Covenant recognize the right of everyone: b) To enjoy the benefits of scientific progress and its application</p> <p>CEDAW art. 14.2.: States Parties shall take all appropriate measures to eliminate discrimination against women in rural areas in order to ensure, on a basis of equality of men and women, that they participate in and benefit from rural development and, in particular, shall ensure to such women the right: h) to enjoy adequate living conditions, particular in relation to (...) communications.</p> <p>CRPD art. 21 States Parties shall take all appropriate measures to ensure that persons with disabilities can exercise the right to freedom of expression and opinion, including the freedom to seek, receive and impart information and ideas on an equal basis with others and through all forms of communication of their choice, (...), including by: a) Providing information intended for the general public to persons with</p>	Percentage of the population covered by a mobile network, broken down by technology	

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disabilities in accessible formats and technologies appropriate to different kinds of disabilities in a timely manner and without additional cost; b) Accepting and facilitating the use of sign languages, Braille, augmentative and alternative communication, and all other accessible means, modes and formats of communication of their choice by persons with disabilities in official interactions; c) Urging private entities that provide services to the general public, including through the Internet, to provide information and services in accessible and usable formats for persons with disabilities; d) Encouraging the mass media, including providers of information through the Internet, to make their services accessible to persons with disabilities; e) Recognizing and promoting the use of sign languages.		