

Multi-Annual Action Plan for the Implementation of Industrial Policy of Montenegro until 2020

INTRODUCTION

In accordance with the Government Work Programme for 2016, in cooperation with relevant institutions, the Industrial policy of Montenegro until 2020 with **multi-annual Action plan for its implementation in the period 2016-2020** has been prepared by the Ministry of Economy.

In order to create conditions for increasing the competitiveness of Montenegro's economy, the Industrial Policy aims at removing structural and sectoral imbalances, as well as overcoming the problem of a narrow production base. Taking due account of the fact that Montenegro's economy is based primarily on services, a policy for modern industrial development is needed that will take advantage of new sources of economic growth, encourage resource efficiency, and guide industry towards higher value-added production.

The planned activities defined in multi-annual Action plan are categorized under the four strategic objectives identified within policy as follows:

- 1. **Competitiveness of industry:** Better business environment and conditions for the competitiveness and sustainability of industry, including tourism and other sectors with high value added
- 2. **Investment and finance for industrial modernisation:** Improved investment framework for industrial modernization through better affordability, availability and access to finance
- 3. **Innovation and entrepreneurship:** Promotion of entrepreneurship and entrepreneurial culture for innovation and stable economic growth, increased productivity and employment
- 4. Market access: Simplification of procedures for trade and business access to domestic and international markets

Successful implementation of the policy and defined objectives implies growth of the following economic indicators:

- > increase in the share of industry in GDP,
- increase in the number of employees in the industrial sector,
- increase in the share of industry in total exports,
- > better ranking in the WEF (World Economic Forum) Global Competitiveness Report,
- > better ranking in the World Bank Doing Business Report,
- > better ranking in the Global Entrepreneurship & Development Index.

Achieving the above mentioned objectives will be realized through institutional and inter-sectoral cooperation, which will provide stable long-term development of industrial sector in Montenegro, for those sectors who are now considered to be significant, and those who will gain on its importance in the future period and become important and perhaps driving industrial sectors in Montenegro. In addition to this, implementation of defined objectives will create the preconditions for further employment and more balanced regional development, which represent one of the primary objectives of the Government of Montenegro economic policy.

STRATEGIC OBJECTIVE 1. COMPETITIVENESS OF INDUSTRY

- R1.1: Improved international economic competitiveness
- R1.2: Improved business environment for all enterprises and entrepreneurs
- R1.3: Progress towards EU relevant goals within EU 2020 and SEE 2020

No.	Planned activities	Expected results	Indicators of achievement	Means of verification (MoV)	Responsible Actors	Period/Means of
			(IoA)		 Lead Institutions 	Financing ⁱ
			- Baseline 2015		(LI) and Key	
			- Target 2018		Partners (KP)	

Sub-Objective 1.1: IMPROVEMENT OF PHYSICAL CAPITAL – ENERGY, ICT, RAW MATERIALS AND TECHNOLOGIES - FOR COMPETITIVE ENTERPRISES **Priorities:**

- Securing energy supply, development of a competitive energy market and sustainable energy development
- · Establishing Montenegro as a digital state with recognition of the social and economic potential of ICT and broadband
- The introduction of modern technologies and valorisation of available raw material in priority sectors through higher processing stages, in order to supply the market with high quality products

1.1.1. Measure: Effective use of energy potentials

Result: Completed reconstruction and rehabilitation of existing and developed conditions for construction of new energy power capacity, including the construction of small hydro and wind power plants and capacity to use solar energy

1.1.1.1.	Revitalization of existing and	•	Completed	•	IoA: Number of	•	MoV: ME report/Action	LI: ME	2016-2020
1.1.1.1	Revitalization of existing and construction of new energy infrastructure capacities	•	revitalization of hydroelectric power plants (HPP Piva, HE Perucica, TE Pljevlja and small hydroelectric power plants) Constructed small hydroelectric and wind power plants Constant, safe, high quality and diversified power supply aimed to comply supply with the demands of companies and international technical standards	Ba of sta Ta HE rea rev fin	hydroelectric power plants that have been revitalized/level of investment achievement in revitalization seline 2015: revitalization HE Piva and HE Perucica arted reget 2018: revitalization of Piva finalized/75% alization of HE Perucica alized/50% realization of restment loA: Number of thermal power plants that have been revitalized/level of investment in revitalization	•	plan for implementation of Strategy for development of energy until 2030	KP: Montenegrin Electric Enterprise, Montenegrin Electrical Transmission system, TERNA, other investors	● A,F
1		•	Reduced losses and negative	Ba	seline 2015: revitalization				
			impacts on the	_	TE Pljevlja started				

environment	Target 2017: revitalization of	
environment	TE Pljevlja finalized/100%	
	achievement of investment	
	demovement of investment	
	loA: Number of small	
	hydroelectric power	
	plants revitalized/level	
	of investment	
	achievement in	
	revitalization	
	Tevitalization	
	Baseline 2015: without small	
	HPP revitalized	
	Target 2018: 7 small	
	HPP/100% investment	
	achievement	
	loA: Number of small	
	hydroelectric power	
	plants constructed/level	
	of investment	
	achievement in	
	construction of small	
	HPP	
	Baseline including 2015: 14	
	small HPP constructed	
	Target 2018: at least 1 small	
	HPP/65% investment	
	achievement in construction	
	of small HPP	
	IoA: Number of wind	
	power plants	
	constructed/level of	
	investment achievement	
	in construction of wind	
	power plants	
	Baseline 2015: without	
	constructed WPP	
	Target 2018: 2 wind power	
	plants/80% realization of	
	Fr. of the second of the secon	

				investment in construction of wind power plants				
Result: E	 easure: Use of ICT for development stablishment of infrastructure and of e of Montenegro		-	and employees to improve stand	lard	operating conditions throu	gh increasing the us	e of modern ICT acros
1.2.1.	Development of a national broadband network	•	Open access to high speed broadband for all enterprises in Montenegro in order to expand the market and enable better services at affordable prices Established a quality broadband internet access in order to facilitating/improving the business	loA: Guaranteed broadband access (agnostic access) for enterprises Baseline 2015: 94.3% of companies have Internet access, and 10% of broadband users with access larger than 10Mbps Target 2018: 100% companies have Internet access, increase of broadband speed by at least 10% comparing to the 2015, with access larger than 30Mbps	•	MoV: MIST reports/Reports on realization of Information Society Development Strategy 2012-2016	LI: MIST KP: AECPS	2016 • A,C
.1.2.2.	Establishment and provision of a functional single contact point for providing information and services electronically for business with aim to increase their competitiveness	•	Improved availability and content of the portal eGov.me	IoA: Provided the availability of the most used electronic services of the state administration from the 200 services by 2016 Baseline 2015: 129 services Target 2018: 450 services	•	MoV: MIST reports	LI: MIST KP: State structures/ institutions	2016-2020 • A,C,

1.1.3.1.	Encouragement of investments in higher-stage of processing food products and marketing through grants (IPARD program and IPARD like Project)	 Increased value added in the food industry Improved quality of food products Increased competitiveness in the food processing industry and diversity of products on the market 	loA: Total number of supported projects Baseline 2015: 0 projects Target 2018: 100 projects	MoV: MARD Report	LI: MARD KP: ME-SMEDD, CCM, IDF	2016-2020 • A,B,C,F
		Improvement of standards of food safety, phytosanitary and sanitary standards				
1.1.3.2.	Improvement in the offer of timber raw material in order to ensure its better accessibility for wood processing business	Increased availability and sale of processing of raw wood materials	loA: The annual rate of growth of standard timber raw materials Baseline 2015: 613.670 m3 Target 2018: increase from 11% comparing 2015	MoV: MONSTAT data	LI: MARD KP: Business associations	2016-2020 • A,E
1.1.3.3.	Development and encouragement of the economy through more efficient management of mineral resources	Increased volume of production of mineral resources by types Increased number of allocated concessions for the exploitation of mineral resources Increased protection of the consumers rights and competitiveness of the legal producers - concessionaries	loA: The annual production volume of mineral resources Baseline 2014: Technical-construction stone: 653.507 m3 Architectural-construction stone: 5.851,38 m3 Gravel and sand: 39.381 m3 Brown coal: 0 Brown lignite coal: 1.650.037 t Red bauxite: 0 White bauxite: 2.086,28 t Lead and zinc: 968.428 t Target 2015-2018	MoV: Report on ME, MONSTAT data	LI: ME KP: Enterprises- concessionaires	2016-2020 • F

				Ted 1.1 Ard sto Gra Brd Brd t Red Wh	mulative): chnical-construction stone: 87.190 m3 chitectural-construction ne: 28.990 m3 avel and sand: 18.000 m3 own coal: 640.000 t own lignite coal: 6.000.000 d bauxite: 1.200.000 t nite bauxite: 10.000 t and and zinc: 2.040.000 t				
	asure: Introduction of modern tecl			ecto	rs				
	efined conditions for enterprises in		rity sectors to introdu	ıce a	nd apply technology for ena	bling	y value added creation	_	
1.1.4.1.	Creation and implementation of a Pilot Programme for supporting industry modernization(combinated model of financing purchase of equipment realized through cofinanced grant support by MoE with credit financial arrangement from IDF)	•	Increased the volume of investment in modernization of industry Improved and modernized operational acitivities and efficiency and productivity Enhanced technological capacities	sta Tar sur • Bas sta Tar (en	IoA: Number of enterprises supported through the Programme seline 2015: 0 (Programme rts in 2016) get 2018: at least 10 oported enterprises IoA: Value of total grant support seline 2015: 0 (Programme rts in 2016) get 2018: cca 300.000€ visaged amount, bending on results of the ot Program)	•	MoV: Programme MoV: ME reports	LI: ME KP: IDF,MARD,MS	2016-2018 • A,C,F
1.1.4.2.	Provide national support for development of new technologies/innovate existing through EU Programmes	•	National grants provided within call for co- financing of science-research activity for projects related to development of new technologies and innovation of existing through		IoA: Number of funded successful project proposals with enterprise participation in EUREKA (ICT area) seline 2015: 1 get 2018: at least 4 enterprises	•	MoV: Report MS	LI: MS KP: Licensed scientific research institutions, enterprises, ministries	2016-2020 • A,B,C,D,F

H2020, EUREKA	project proposals with enterprise participation in H2020		
	Baseline 2015: 0 Target 2018: at least 2 enterprises		

Sub-Objective 1.2.: DEVELOPMENT OF HUMAN CAPITAL AND SKILLS FOR INDUSTRIAL COMPETITIVENESS **Priorities:**

- Linking higher education and the economy, establishing lifelong learning and raising the entrepreneurial and innovative character of education
- Improving knowledge, skills and competences to increase employment opportunities and increase competitiveness through formal education, informal learning and training

1.2.1. Measure: Education aligned with labor market needs

Result: Created system for required knowledge and skills development to meet the needs of the economy and promotion of the concept of lifelong learning

1.2.1.1.	Modernization of educational programmes for vocational education level III and level IV in the field of industry	Educational programmes for vocational education level III and level IV from the field of mechanical engineering, electrical engineering, food processing, construction etc. aligned with labor market needs	IoA: Number of innovated educational programmes Baseline 2015: 5 innovated educational programmes Target 2018: 25	MoV: Report MEd	LI: MEd KP: Educational institutions	2016-2020 • A, C
1.2.1.2.	Development of occupational and qualifications standards in line with labor market needs in the areas of energy, telecommunications, manufacturing industry, food processing and construction	 Defined learning outcomes Created a basis for an objective assessment of learning achievement 	loA: The number of occupational standards Baseline 2015: 248 occupational standards Target 2018: at least 288 more occupational standards	MoV: Decisions of the Qualifications Council (for occupational and qualification standards) and the National Council for Qualifications (for educational programes)	LI: MEd KP: VET, Qualifications Council, Sectorial commission, Educational institutions, Business Associations	2016-2020 A,C
1.2.1.3.	Modernization and promotion of study programmes in line with labor market needs, with a particular focus on the natural and engineering sciences	Modularised study programmes	loA: Learning outcomes for study programmes on institutions of higher education for the view of subjects defined Baseline 2015: all study	MoV: Report MEd	LI: MEd KP: Educational institutions	2016-2020 • A,C

			programmes in higher education institutions prepared on the bases of learning outcomes Target 2018: all study programmes on higher education institutions innovated and created on the basis of learning outcomes • IoA: Number of graduates in natural and engineering sciences Baseline 2015: around 700 Target 2018: 2100			
1.2.1.4.	Improvement the quality of practical work (lifelong learning by working) in the fields of energy, telecommunications, manufacturing industry, food processing and construction	Increased share (%) of the programmes in which the students of vocational high schools have practical work with the employer (company), together with improved quality of realization of practice Improved cooperation between schools and employers Improved industrial skills and competence of students of vocational schools Faster transition from education to the business	loA: % of technical schools that have practical work at the employer (company) Baseline 2015: 60% Target 2018: 75%	MoV: Reports by the competent authority on establishing external quality of schools	LI: MED,VET KP: High vocational schools	2016-2020 • A,C

1.2.2.1.	Implementation of a program for encouraging employment in industry and sectors that support industrial development	• Increased self- employment and employment in the industry and sectors that support industrial development (manufacturing industry, mining and construction) by provision of credits for opening new enterprises and employing within existing. Credit support is 5,000€	loA: Number of self- employed people in the industry sector Baseline 2015: 9 people Target 2018: 17 people	MoV: Report on the EA measures evaluation	LI: MLSW KP: EA	2016-2020 • A
1.2.2.2.	Implementation of educational program and training for persons that are seeking for employment in accordance with industrial development needs	per job position. • Acquired new professional qualifications, knowledge and skills of persons who completed educational programs and trainings for adult (programs for acquisition of vocational qualifications, as well as the knowledge and skills necessary for the jobs in tourism, construction, food processing, transport and other sectors that support	loA: Number of people who completed programme and training Baseline 2015: 300 people Target 2018: 1.000 people	MoV: Report on the EA programme evaluation, certificates on completed seminars	LI: EA KP: MEd,MLSW, Examinations centre,VET,ME- SMEDD	2016-2020 • A,C,F

		development of				
		the industry)				
• Improve	ective 1.3: IMPROVEMENT OF THE E : ement of the existing regulatory fra h and improve required core busin	amework and business env	ironment			
1.3.1.Me	asure: Improvement of regulatory	framework and business	environment			
	nproved business environment throof e-Gov principles	ough creating a clear and p	oredictable regulatory framework	s, reducing operating costs and a	achieving a high degree	of automatization
1.3.1.1.	Implementation of recommendations from the Action Plan for regulatory "Guillotine" related to the field of industry	Implementation of defined approx. 195 recommendations in the field of industry related to the modification about 60 regulations in the field of industry	implemented recommendations in the field of industry Baseline including 2015: approx. 125 implemented recommendations in the field of industry Target 2018: approx. 70 recommendations	MoV: Reports MF	LI: MF	2016-2018 • A
1.3.1.2.	Introduction of a complete online registration of companies and expansion of registration on 8 regional units for registration	Simplified procedures for registration	IoA: Progress in ranking within World Bank Doing Business within the "enterprise registration" indicator Baseline Doing Business Report 2015/2016: 59 th Target Doing Business Report 2018/2019: rank < 10	MoV: The reports of the World Bank; Reports of the Council for improving the business environment, regulatory and structural reforms	LI: MF KP: Council for improvement of the business environment, regulatory and structural reforms	2016-2018 • A
1.3.1.3.	Shortening of deadlines for registration of real estate in cadaster by increasing efficiency of cadaster	Simplified procedures for registration of real estate	• IoA: Progress in ranking within World Bank Doing Business within the "registration of real estate" indicator Baseline: Doing Business Report 2015/2016: rank 79 Target: Doing Business Report 2018/2019: rank < 30	MoV: The reports of the World Bank; Reports of the Council for improving the business environment, regulatory and structural reforms	LI: MF/Real Estate Agency KP: Council for improvement of the business environment, regulatory and structural reforms	2016-2018 • A

1.3.1.4.	Introduction of electronic business in the process of issuing permits for construction	pro- issu con peri	nplified ocedures for uing ostruction rmits	• IoA: Progress in ranking within World Bank Doing Business within the "construction permit" indicator Baseline: Doing Business Report 2015/2016: rank 91 Target: Doing Business Report 2018/2019: rank < 50	•	MoV: The reports of the World Bank; Reports of the Council for improving the business environment, regulatory and structural reforms	LI: MF/MSDT KP: Council for improvement of the business environment, regulatory and structural reforms	2016-2017 • A
	asure: Development of the busines		_					
	pgraded business activities of enter							
1.3.2.1	Implementation of Regulation on business zones	Tec for for bus multiple continues with estar marked bus from nating for oppinive.	chnical support preparation investments in siness zone in 9 inicipalities anges and pendments on a Regulation on siness zones h the aim of ablishing and naging siness zones m local and cional interest Montenegro proved support promotion of portunities for estments in siness zones	 IoA: Number of supported business zones covered by technical support for the preparation of pre-investment studies Baseline 2015: 0 Target 2018: 9 IoA: Number of designated zones with the status of zone from the national interest Baseline 2015: 0 Target 2018: 6 zones in 4 municipalities IoA: Number of promotional activities carried out Baseline 2015: 1 Target 2018: 3 IoA: Number of enterprises within the zones/percentage increase in enterprises turnover 	•	MoV: Reports ME	LI: ME KP: Local Government	2016-2018 • A,F

						1
			Baseline 2015: / Target 2018: 3-5 enterprises/turnover increase from 5%			
1.3.2.2.	The project of establishing the first Scientific and Technological Park in Montenegro	Improved institutional infrastructure of STP Niksic through construction of IEC Niksic and beginning of works on central unit in Podgorica Strengthened scientific and economic capacities as well as connection between science and business and improved commercialization of research	IoA: Established Innovative entrepreneurial center "Technopolis" in Niksic/number of enterprises-tenants (work on construction started) Baseline 2015: works on construction of IPC "Tehnopolis" started Target 2018: "Technopolis"Niksic constructed/12 enterprises-tenants IoA: Works on reconstruction/construction of STP in Podgorica started — central unit Baseline 2015: 0/0 Target 2018: Central unit of STP in Podgorica in reconstruction/construction	MoV: Reports MS	LI: MS KP: Licensed scientific research institutions, enterprises	2016-2020 • A,C,E
1.3.2.3.	Improvement of the capacities of the Business centers and incubators for provision of services to the companies	 Provided services to enterprises Increased number of tenants 	loA: Number of provided consulting services provided by Business centres Baseline 2015: 50 Target 2018: 70 loA: Number of services that incubator provide to the business	MoV: Report of the SMEDD	LI: ME-SMEDD KP: Local Government, Incubators/Business center Bar, Incubator Berane	2016-2020 • A,C,F

Baseline 2015: 40 Baseline 2018: 80	
loA: Number of tenants	
Baseline 2015: 35 Target 2018: 40	

STRATEGIC OBJECTIVE 2. INVESTMENTS AND FINANCE FOR MODERNIZATION OF INDUSTRY

- R2.1: Improved availability, affordability and access to finance for enterprises
- R2.2: Improved financing for innovative enterprises
- R2.3: Increase direct investment into priority sectors

	No.	Planned activities	Expected results	Indicators of achievement	Means of verification (MoV)	Responsible Actors –	Period /
				(IoA)		Lead Institutions (LI)	Means of
				- Baseline 2015		and Key Partners	Financing
				- Target 2018		(KP)	
ı	Sub-Ohio	octive 2 1 · IMPROVING ACCESS TO	FINANCE FOR COMPETITIVE	E AND INNOVATIVE ENTERDRIS	FS		

Sub-Objective 2.1.: IMPROVING ACCESS TO FINANCE FOR COMPETITIVE AND INNOVATIVE ENTERPRISES **Priorities:**

- Improving access to capital markets
- More dynamic banking sector activities
- Development of new financial instruments

2.1.1. Measure: Involvement of IDF Montenegro in EU financial Programmes which will enable the development of new financial instruments Result: Expanded overall offer of IDF, as well as the use of available EU Programmes

nesuit. E	xpanueu overali oner or ibr, as wer	ii as tile use of available Eo	riogiannies				
2.1.1.1.	Provide credit lines for	 Credit funds 	loA: Number of	•	MoV: Annual Report of	LI: IDF	2016-2020
	enterprise growth in priority	issued for	supported enterprises		IDF		A,E
	areas of industry	improvement of	through credit				
		capacities of	lines/volume of credit				
		enterprises in	funds				
		priority areas of					
		industry	Baseline 2015: 220/62,8				
		(manufacturing,	mil€				
		tourism, services)	Target 2018: Number of				
		with favorable	supported enterprises				
		interest rates (2,5-	through credit lines				
		5%)	increased by 20%/volume				
			of funds increased by 20%				
			• IoA: Number of new				
			established				
			enterprises in industry				
			Baseline 2015: 8				
			enterprises				
			Target 2018: 10 or more				
			enterprises				

2.1.1.2.	Provide financial support for liquidity in priority industrial areas through factoring arrangements	Financial funds issued for enhancement of liquidity in priority industrial areas	loA: Number of supported enterprises (Number of signed contracts) through factoring arrangements Baseline 2015: 25 enterprises in industry sector Target 2018: 30 or more enterpirses	MoV: Annual Report of IDF	LI: IDF	2016-2020 A, E
2.1.1.3.	Provide credit line for investment in ICT sector and loans for graduates	New credit lines issued for improvements in ICT and employment of graduates in priority industrial areas	loA: Number of supported enterprises from ICT sector Baseline 2016: 0 (credit line starts implementation in 2016) Target 2016: up to 5 enterprises Target 2018: up to 10 enterprises loA: Volume of credit funds placement Baseline 2015: 0 Target 2016: credit funds placement up to 0,5% of total 2016 placement Target 2018: increase in credit funds placement by 10% in comparison to 2016 loA: Number of new established enterprises by graduates in priority industrial areas Baseline 2015: 0 (credit line starts implementation in	MoV: Annual Report of IDF	LI: IDF	2016-2020 • A,E

2.1.1.4.	Implement new financial instruments from available COSME funds	Signed Agreement with FI from EU regarding to use of COSME financial instruments for credit guarantees for financing priority industrial areas	2016) Target 2016: 5 or more new enterprises to be established in 2016 Target 2018: 10 or more enterprise comparing to 2016 • IoA: Volume of credit fund placement Baseline 2015: 0 Target 2016: 1% of total credit fund placement in 2016 Target 2018: increase by 10% comparing to 2016 • IoA: Number of signed applications for COSME/number of new financial instruments (credit guarantees) Baseline 2015: 1/1 Target 2018: at least 2	MoV: Annual Report of IDF/ Commercial Banks	LI: IDF/ Commercial Banks	2016-2020 • A,E
		Support to financial institutions for participation in COSME financial instruments	applications/1			
	easure: Creation of new financial in				tee schemes that can be	used by the banks,
	current EU Programmes for the Wastablishment of new financial instru				on of infrastructure proje	octs
2.1.2.1.	Establish instruments of	Investment in	• loA: Number of	MoV: Report of IDF/ME	LI: ME/MF	2016-2020
2.1.2.1.	financial support for innovative and fast growing enterprises through investment in equity capital	equity capital implemented through instruments of WB	supported enterprises through investment in equity capital	• INIOV. REPORT OF IDE/INIE	KP: IDF	• E
		 EDIF Established ENIF Fund for innovative enterprises with 	Baseline 2015: 0 Target 2018: 5 start ups/SMEs			

2.1.2.2.	To candidate priority infrastructure investment projects related to industry for implementation within WBIF	national financial participation Financed start ups and SMEs from ENIF Fund through equity capital Increase of investment through development of infrastructure for the projects from the Single Project Pipeline (SPP-14 projects) in areas of energy, transport, environmental protection Strengthen capacities for supporting preparation and implementation of priority infrastructural projects	loA: Number of projects currently implementing and the % of total amount of investment Baseline 2015: 0 Target 2018: Indicative number of proposed projects for investments for the period – 4 (Indicative in accordance with their total budget from SPP – 36% of planned investment) IoA: Number of institutions for strengthening capacities for support Baseline 2015: 0 Target 2018: 7	MoV: Reports of National Committee for investment projects/ Secretariat for development projects	LI: Relevant ministries (6), sectorial working groups KP: National Committee for investment projects/ Secretariat for development projects, MFAEI, WBIF	2016-2020 • A, C, E
_	 ective 2.2: ENCOURAGING DIRECT II Provide an appropriate framework					
Filolity.		cation for attracting inves	tments into targeted sectors, as	well as the application of the	Regulation on encouragi	ng direct
2.2.1. M		_	-	rs and less developed areas		

investors from

fina	ancial Target 2018: 10	Co	ommission for state
suk	bsidization of	ai	d control, Tax
inv	vestors • IoA: Number of jobs	ac	dministration,
• Inc	creased number envisaged by the	Cu	ustoms
of	jobs creation Agreements and	Ad	dministration,
• Rea	alized support created through the	Ce	entral Register of
and	d promotional investment projects	Bu	usiness Entities,
act	tivities in order	M	linistry of Justice,
to	implement Baseline 2015: 0	M	linistry of Finance
Re	gulation on Target 2018: 293		
end	couraging direct		
inv	vestment		

STRATEGIC OBJECTIVE 3. INNOVATION AND ENTREPRENEURSHIP

Planned activities

No.

- R3.1: The growth of enterprises through innovation within the priority sectors
- R3.2: Better linkage between research and industry that increases innovation of enterprises

Expected results

• R3.3: Effective business support provided to all enterprises and entrepreneurs and at all stages of business development

VO.	Planned activities	Expected results	(IoA) - Baseline 2015 - Target 2018	ineans of verification (mov)	Lead Institutions (LI) and Key Partners (KP)	Means of Financing
ub-Obj	ective 3.1: IMPROVING INNOVATION	ON EFFICIENCY OF ENTERP	RISES			
rioritie	s:					
Cre	ating conditions to stimulate the in	nnovative potential within	enterprises			
	ective implementation of innovation	•				
	engthening the linkages between s	•				
.1.1.M€	easure: Providing grants for R&D a	and other incentives to en	terprise engagement in researc	h and innovation		
esult: C	Operative institutional infrastructur	re facilitating science and	economy linkage that realizes th	e innovative potentials of enter	prises	
.1.1.1.	Improve cooperation between	Improved	loA: Number of	MoV: Report MS	LI: MS	2016-2017
.1.1.1.	enterprises and science and	cooperation	public/private	WIOV. Report IVIS	KP: Center of	• A,C,D
	encourage participation of	between science	partnerships/signed		Excellence, scientific	A,C,D
	enterprises through	(research	contracts between		and research	
	programme of competitive	institutes,	enterprises and		institutions,	
	grants for R&D projects and	university	research institutes or		enterprises	
	through programme for Center	faculties) and	university faculties		'	
	of Excellence	enterprises	·			
		(business sector)	Baseline 2014/2015: 9			
		through grants for	partnerships established			
		R&D projects and	(including 1 Center of			
		grant for Center of	Excellence with			
		Excellence	participation of 2			
		Number of start	enterprises)			
		ups established,	Target 2018: at least 12			
		innovative	successfully realized			
		products or	partnerships			
		processes, patent application	loA: Number of created			
		developed	start-ups (from			
		uevelopeu	partnerships)			
			ps			
			Baseline 2014/2015: 0 start-			
			ups			

Target 2018: at least 2 start-

ups established

Indicators of achievement Means of verification (MoV) Responsible Actors – Period /

			I	I		1
			 IoA: Number of Innovative products, processes or patents developed 			
			Baseline 2014/2015: 1			
			protected patent			
			Target 2018: at least 15			
			innovative products,			
			processes or patents developed			
3.1.1.2.	Implementation of Programme	Defined and	loA: Number of SMEs	MoV: Report ME/MS	LI: ME,MS	2016-2020
3.1.1.2.	for innovation in SMEs - voucher schemes/grants	implemented model/scheme for	application	WOV. Report Willy Wis	KP: ME-SMEDD	• A,C
	7 0 0 0 1 0 1 0 1 1 0 0 1 0 1 1 0 1 0 1	improving	Baseline 2015: 0			
		product/service,	Target 2018: up to 10			
		process,				
		organization and	• IoA: Number of			
		marketing	innovation			
		 Improved 	(new/improved			
		innovative	product/service,			
		potential of SMEs	process, organization			
			and marketing)			
			Baseline 2015: 0			
			Target 2018: indicative up to			
			10 successful applications			
3.1.2. M	easure: Promotion of mechanisms	of energy efficiency and				
	ational use of energy resources in		= -	improving energy efficiency a	nd greater use of renewa	ble energy sources
3.1.2.1.	Establishment and	• Established	loA: Value of financial	MoV: ME Reports	LI: ME	2018-2020
	implementation of financial	financial	mechanisms for		KP: Enterprises from	• A,C,D,E,F
	support mechanisms for	mechanisms (grant	improving energy		the industry sector	
	improving energy efficiency in	scheme, subsidies	efficiency in enterprises			
	enterprises	etc.) for the	(establishment of			
		implementation of	mechanism is planned			
		innovative	in 2018 with duration			
		solutions and new	until 2020)			
		technologies that	2015 20			
		will lead to the	Baseline 2015: 0 €			
		reduction of	Target 2020: minimum			
		energy demand	500.000€			
		and greater use of				

		locally available renewable energy sources Realized projects with aim to support improving energy efficiency in enterprises Established systems for energy management in enterprises	loA: Number of implemented projects (realization of minimum 20 projects is planned by the end of 2020) Baseline 2015: 0 Target 2018: 5 projects			
3.1.2.2.	Realization of the Programmes for harmonizing certain economic branches with the Law on pollution and control of environment in order of obtaining an integrated permission	Reduced negative effects of industrial pollution on human health and reduced level of environmental pollution Increased energy efficiency of industrial plants Increased competitiveness of companies	Baseline 2015: 4 Target 2018: 8	MoV: Environment protection Agency Reports/MSDT	LI: MSDT KP: Enterprises defined within the Programme	2016-2017 • F

Sub-Objective 3.2: PROMOTION OF ENTREPRENEURSHIP AND DEVELOPMENT OF SMES **Priorities:**

- Improvement of non-financial support enterprise development
- Strengthening the non-financial support aimed at improving innovative business performance and development of new businesses

3.2.1. Measure: Improvement of the non-financial business support model in line with the development and needs of innovative enterprises

Result: Establishment of an improved model that creates conditions for integrated non-financial support to meet needs of enterprises from local to national level

3.2.1.1.	Development of a comprehensive electronic guide on available support for business services in Montenegro (standardized set of services)	 Increased leve information fo enterprises on available busin services 		loA: Number of enterprises receiving electronic guide (standardized set of services) Baseline 2015: 0	•	MoV: Guide - standardized set of services; ME-SMEDD Reports	LI: ME-SMEDD KP: Business centers; Local Government	2016-2018 • A,C,D
				Baseline 2018: 100				
3.2.1.2.	Provide business support services to enterprises in area of intellectual property rights protection and energy	Organized seminars on the importance of intellectual	!	loA: The number of events/number of persons who attended the seminars	•	MoV: Reports ME, Intellectual Property Office	LI: ME, IPOM, ME- SMEDD KP: Business Associations,	2016-2020 • A,C, E

	efficiency management (information, consulting,		property rights protection	Baseline 2015: 2 events/50			enterprises from industry sector	
	promotion campaign)		(patents and	participants in IPR seminar Target 2018: 5 events/125			,	
		•	trademarks) Improved	participants in IPR seminar				
			awareness of					
			enterprises on	loA: Number of events				
			importance of appropriate	(campaign, seminars etc.)/number of				
			energy	participants				
			management					
			•	Baseline 2015: 0 events in EE				
			organization of	management				
			campaigns and seminars	Target 2018: 2 events/50 participants in EE				
				management				
3.2.1.3.	Implementation of mentoring	•	Improved capacity	loA: Number of trained	•	MoV: ME-SMEDD	LI: ME-SMEDD	2016-2020
	services for enterprises		of Business Centers for	mentors		Reports	KP: Business Centers, Local Government	• A,C,E,F
			provision of	Baseline 2015: 14			Local Government	
			mentoring services	Target 2018: 20				
			for enterprises in					
			the field of	• IoA: Number of				
			industry Increased number	enterprises that use mentoring services				
			of companies	mentoring services				
			receiving	Baseline 2015: 31				
			mentoring support	Target 2018: 60				
			(support in					
			preparation and implementation of					
			development					
			plans, making					
			business					
			cooperation, support in access					
			to new					
			technology, etc)					
3.2.1.4.	Realization of training	•	Increased level of	loA: Number of	•	MoV: Reports of held	LI: ME,MS	2016-2020
	programmes and consulting for		utilization of	trainings/number of		training programmes,	KP: SMEDD,	• A,C,D
	key stakeholders in the process of creation of projects		available EU programmes (H	participants (company representatives)		lists of participant,ME/MN	MSDT,MARD, Business Associations	
	proposals for EU programmes		2020 and COSME)	. opi eseritatives,		Reports, SMEDD	2302007.000014110110	

		to foster the development of innovative SMEs	Baseline 2015: 2 trainings/30 company representatives Target 2018: 8/100 • IoA: Number of successful applications under the	Reports		
			programmes Baseline 2015: 0 Target 2018: 6			
	easure: Encouraging industrial dev	=				
3.2.2.1.	Creation of conditions for diversification of economic activities in rural areas through realization of support programmes (Agro budget, IPARD 2014-2020)	Increased total number and turnover of enterprises/agricul tural farms operating in rural areas Increased employment Reduced depopulation in	loA: Number of projects supported Baseline 2015: 13 projects Target 2018: 60 projects	MoV: MARD Reports	LI: MARD KP: MSDT, NTO, Business Association	2016-2020 • A,C,F
3.2.2.2.	Encouraging development of food processing in rural areas through development of business (Agro budget)	rural areas Increased provision of food products with defined geographic origin Increased employment Competitiveness of agricultural products strengthened Value added of agricultural products created	loA: Number of projects supported Baseline 2015: 46 projects Target 2018: 150 projects	MoV: MARD Reports	LI: MARD KP: ME,NTO, Business Association	2016-2020 • A,C,F
3.2.2.3.	Realization of the Programme of stimulating measures in the field of tourism 2016/2017	Improved and diversified the tourism offer	loA: Total number of manifestations	MoV: MSDT Report, NTO	LI: MSDT KP: NTO, Business Association	2016-2020 • A,F,E

	(support for diversification and improvement of the offer, knowledge and skills necessary for tourism, maintenance events and availability)	•	Reduced seasonality of destinations	Baseline 2015/2016: 296 Target 2018: increase from maximum 10% comparing previous call 2015/2016 • IoA: Number of projects with approved funds Baseline 2015/2016: 56 Target 2018: increase from maximum 10% comparing previous call 2015/2016 • IoA: The amount of allocated funds for realization of the Programme Baseline 2016/2017: 400.000€ Target 2018: time frame of				
				Programme duration includes 2017, with possible				
2 2 2 14	 easure: Encouraging improvement	-f -	visting and spection a	continuation				
	stablished conditions for raising co		_				are oriented towards sec	tors that have the
	I for growth of competitiveness in c	-				P P P P P P P P P P P P P P P P P P P		
3.2.3.1.	Implementation of incentives for increasing the quality standards of existing accommodation facilities as well as development of new high-quality accommodation facilities	•	Raised the quality of services and improved competitiveness in the tourism sector Implemented series of already started investments in high-quality hotel facilities Expanded high quality specific tourist offer Increased	 IoA: Increased number of hotels with 4 and 5 stars Baseline 2015: 125 Target 2018: 178 IoA: The amount of allocated funds for subsidizing part of the interest rate on loans Baseline 2015: 0 € Target 2018 (indicative): approx. 2 mil€ 	•	MoV: Report of Commission for categorization of accommodation facilities, MSDT	LI: MSDT KP: IDF, banking sector	2016-2020 • A,F

		employment and income				
3.2.3.2.	Diversification of tourism offer in the north of Montenegro	Diversified and improved tourism product in the north of Montenegro Increased number of tourists, overnight stays and incomes generated in the north of Montenegro on the basis of tourists stay Increased number of SMEs engaged in tourism development Increased number of jobs in the north of Montenegro Montenegro	 IoA: The Number of ski resorts in Montenegro Baseline 2015: 5 Target 2018: at least 8, depending on dynamics of projects realization IoA: Amount of allocated resources for financing the reconstruction of existing and creation of infrastructure in new locations, designated for ski resorts Baseline 2015: around 6.4 mil € Target 2018: increase from at least 10% depending from defined model for further valorization of the ski resorts IoA: Number of overnights in the north, in the cities in which investments in ski resorts and accompanying facilities are planned Baseline 2015/2016 winter season: 14.949 tourists/33.367 overnights Target 2017/2018 winter season: increase from minimum 10% comparing 2015/2016 both in the Ioh comparing 2015/2016 both in the Ioh comparing 2015/2016 both in the 	MoV: Report MSDT	LI: MSDT KP: IDF, private investors	2016-2020 • A ,F

				number of tourists and number of overnights • IoA: The level of private				
				investments in ski resorts				
				Baseline 2015: /				
				Target 2018: investment				
				amounted to a maximum				
				5% of the total investment				
				from the budget for 2018 ¹				
3.2.3.3.	Improvement of the tourism	_	rsified tourist	• IoA: The number of	•	MoV: MONSTAT, MSDT	LI: MSDT	2016-2020
	offer through valorization of	prod		berths in the marinas			KP: SMEs,IDF	• A,B,E,F
	the potential of nautical		er accessibility					
	resources through construction		connection	Baseline 2015: 1.765				
	of new berths in the marinas	betw		Target 2018: 3.520				
	(sea, lakes, and rivers)		inations					
			ber of jobs					
			eased					
			erated					
		addit	tional income					

¹ The expected investment value in ski resorts by the private investors is up to maximum 5% of the total investments planned from the budget for 2018 (up to 350.000€).

STRATEGIC OBJECTIVE 4: MARKET ACCESS

- R4.1: Reduced trade imbalance through increasing exports and reducing imports in the priority sectors in which Montenegro has comparative advantage
- R4.2: Better environment for trade facilitation through trade logistics that simplify and reduce the costs of international business for exporters

No.	Planned activities	Expected results	Indicators of achievement	Means of verification (MoV)	Responsible Actors –	Period /
			(IoA)		Lead Institutions (LI)	Means of
			- Baseline 2015		and Key Partners (KP)	Financing
Sub Obia	 ective 4.1: STRENGTHENING ENTE	DDDICE EVDORT DEDECORMA	- Target 2018		(RP)	
Priorities		RPRISE EXPORT PERFORIVIA	INCE IN PRIORITY SECTORS			
	•• ing the competitiveness of individ	ual enternrises				
	ring the structure of exports	uai enterprises				
	easure: Improvement of the conc	ent of the enterprises orga	unization into clusters and strer	ngthening of enterprise networ	ks	
	setter informed and increased enter	-		= -		
4.1.1.1.	Support for cluster	Improved	loA: Number of	MoV: ME Report on	LI: ME	2012-2016
	development through grants,	association of	supported clusters	realization of the	KP: ME-SMEDD, Tax	• A,E
	strengthening capacities for	companies into the		Programme	Administration,	,
	managing of clusters and	cluster (number of	Baseline 2015: 1	_	UNDP and 3 local	
	promotion of new clusters	members) with	Target 2016: 5		governments	
	development as well as	grant financial	Target 2018: n/a (time			
	involvement in value chains	support through	frame for the Programme is			
		implementation of	2012-2016)			
		the Programme for				
		promoting cluster	IoA: The value of			
		development in	financial support			
		Montenegro until				
		the end of 2016	Baseline 2015: 10.000 €			
		Increased capacity	Target 2016: 50.000 €			
		for cluster	Target 2018: n/a (time			
		management and establishment of	frame for the Programme is			
		new clusters	2012-2016)			
		through technical	• IoA: Number of			
		support (training,	supported clusters			
		workshops,	though technical			
		conferences,	support			
		exchange of				
		knowledge and	Baseline 2015: 4			
		networking)	Target 2018: 10			
		Improved				
		recognition and	loA: Number of			
		promotion	enterprises/clusters			
		 Established 	supported through			

		international	available EU			
		partnerships	programmes			
		through the	b. e8. a			
		available EU	Baseline 2015: 1 cluster			
		programmes	applied			
		programmes	Target 2018: 2 clusters			
4.1.2. Me	easure: Realization of support pro	gramme for enterprises for		tion based on standards	1	
	creased number of enterprises wi	_				
4.1.2.1.	Encouraging implementation	Improved quality	loA: Number of	MoV: MARD Reports	LI: MARD	2016-2020
	and certification of food safety	and safety of food	agricultural producers	Mott watth the ports	KP:	• A
	and quality management	products	group		Monteorganica,	
	system, as well as inclusion of	Improved	8.00p		Business Associations	
	agricultural producers in	competitiveness	Baseline 2015: 0			
	registered quality schemes	Raised numbers of	Target 2018: 2			
	(Agro budget)	producers involved	. a. Bet 2010. 2			
	(1.8.2.2.2.8.3)	in quality schemes	• IoA: Number of			
		(organic farming,	supported producers			
		protection of	for safety of food and			
		geographical	quality management			
		origin, etc.)	systems			
		Raised number of	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
		certificated organic	Baseline 2015: 4			
		producers	Target 2018: 15			
		•				
			IoA: Number of			
			supported certificated			
			organic producers			
			Baseline 2015: 71			
			Target 2018: 120			
4.1.2.2.	Implementation of Programme	Improved	IoA: Number of	MoV: ME Report on	LI: ME	2016-2020
	for Support to competitiveness	implementation of	supported enterprises	realization of	KP: Accreditation	• A
	of business entities through	international		Programme	bodies, ISME	
	compliance with international	standards in	Baseline 2015: 12			
	business standards	industry and other	Target 2016: 15			
	requirements	business through	Target 2018: n/a (time			
		financial grants	frame for the Programme is			
			2014-2016)			
			loA: The value of			
			financial support			
			Baseline 2015: 48.500 €			

		1		1		
			Target 2016: 100.000 €			
			Target 2018: n/a (time			
			frame for the Programme is 2014-2016)			
4.1.2.3.	Implementation of the	Improvement of	• IoA: Surface of	MoV: MARD data,	LI: MARD	2016-2020
4.1.2.3.	activities within the plan for	forestry	certificated forest	Directorate for forestry	KP: Directorate for	• A,E
	•	management	certificated forest	Directorate for forestry	forestry	A,L
	FSC certification of forestry	according to FSC	Baseline 2015: 0 ha		Torestry	
	management	standard	Target 2018: 50.000 ha			
		Monitoring control	141861 20101 301000 114			
		chains				
		Increased				
		competitiveness of				
		enterprises				
		Easier access to				
		European markets				
4.1.3. M	easure: Harmonization of technica	l regulations and standar	ds			
Result: T	he adoption of technical regulation	ns and Montenegrin standa	ards which were created by taki	ng over European and internation	onal standards	
4.1.3.1.	Further strengthening of the	 Established 	loA: Number of	MoV: Report ME	LI: ME	2016
	quality infrastructure system in	infrastructure in	harmonized regulations		KP: ISME;	• A,C
	order to further improve	line with EU	in the areas related to		Accreditation Body;	
	enterprise competitiveness	regulations and	industry		Agency for Metrology	
		the WTO				
		 Completed legal 	Baseline 2015: 123			
		basis for	harmonized regulations in			
		production that	the field of industry			
		eliminates barriers	(including 2015)			
		for trade	Target 2018: approx. 200			
		Raised the				
		competitiveness of				
		enterprises				
4.1.3.2.	The acceptance of harmonized	Complete	loA: Number of	MoV: ISME Reports	LI: ISME	2016-2020
	EU standards	membership in	adopted standards		KP: Members of the	• A
		CEN (The European			Technical Committee	
		Committee for	Baseline 2015: approx.		of ISME from the	
		Standardization)	14.000 adopted standards		area of industry, ME	
		Complete	(including 2015)			
		acceptance of	Target 2018: approx. 20.000			
		harmonized	harmonized standards			
		European standards				
/ 1 / P/	 easure: Standardization of codification		ty assurance of products for no	ds of defence purposes		<u> </u>
	he adoption of standards in the fie	· ·	-	eus of defence purposes		
resuit: I	ne adoption of standards in the lie	na or defence incurred by i	aking over IVATO Stalluarus			

4.1.4.1.	Harmonization/implementation	•	Full membership in	•	IoA: The number of	•	MoV: Report MD	LI: MD	2016-2020
	of NATO standards for the		the NATO		adapted NATO			KP: Interested	• A
	NATO codification area and		codification system		standards in the field of			enterprises	
	assuring the quality of products	•	Taking over of		codification and				
	in the industrial sector for		NATO standards		assuring the quality of				
	needs of defence purposes		for this area		the products for the				
		•	The possibility of		needs of defence				
			codifying the						
			original	Ba	seline including 2015: 2				
			Montenegrin		andards in the field of				
			products	со	dification				
		•	The possibility of	Та	rget 2018: 3 standards in				
			certification of	the	e field of codification and				
			quality	10	NATO AQAP standards in				
			management in	the	e field of assuring the				
			the enterprises		ality of the products for				
			from defence	the	e needs of defence				
			industry by NATO						
			AQAP standards						
4.1.5. M	leasure: Support to internationaliza	atior	•	d th	eir business within foreign	n m	arkets		
	trengthened export performance of		=						
4.1.5.1	Encouraging the	•	Increased	•	IoA: Number of	•	MoV: ME-SMEDD	LI: ME-SMEDD	2016-2020
	internationalization of the		willingness of		enterprises that have		Report	KP: Consortium	• A,C,E,D
	domestic companies through		enterprises to		been provided with			members	
	providing information,		export and		information about				
	organizing business meetings,		enhance		export markets and				
	trade fairs, missions for		internationalizatio		possibilities for				
	development through		n through		international				
	Enterprise Europe Network		participation on		cooperation				
	activities		business meetings,						
			trade fairs and		seline 2015: 50				
			missions for	Та	rget 2018: 100				
			development						
		•	Improved	•	IoA: The number of				
			cooperation of the		participants on events				
			companies on the international level	D-	seline 2015: 50				
			international level		rget 2018: 100				
				l d	8ct 5010: 100				
				•	IoA: The number of				
					companies that have				
					established cooperation				

	Baseline 2015: 6		
	Target 2018: 25		

Footnotes and Explanations

i The most relevant potential sources of funding for each activity are structured as follows:

A – resources from the state sector, from the national budget, including contributions from municipalities

B – resources from IPA II through budget support;

C – resources from IPA II for sector wide strategies (fiche) and projects;

D – resources from EU Programmes (e.g. Erasmus+, COSME, Horizon 2020);

E – resources from other donors;

F – contributions from the private sector.

LIST OF ACRONYMS

ME-Ministry of Economy

MIST-Ministry of Information Society and Telecommunications

MLSW-Ministry of Labour and Social Welfare

MARD-Ministry of Agriculture and Rural Development

MSDT-Ministry of Sustainable Development and Tourism

MUP

MS-Ministry of Science

MF-Ministry of Finance

MEd-Ministry of Education

MH-Ministry of Health

MD-Ministry of Defence

RAE-Regulatory Agency for Energy

IDF-Investment Development Fund

IFIs-International Financial Institutions

SMEs-Small and medium enterprises

UoM-University of Montenegro

VET-Vocational Education Centre

WBIF-Western Balkan Investment Framework

ISME-Montenegrin Institute of Standardisation

EBRD-European Bank for Reconstruction and Development

NTO-National Tourism Organisation

EA-Employment Agency of Montenegro

SMEDD-Directorate for development of small and medium-sized enterprises

AECPS-Agency for Electronic Communications and Postal Services of Montenegro

IPOM-Intellectual Property Office of Montenegro

Business associations include:

CCM-Chamber of Commerce of Montenegro

FEM-Federation of Employers of Montenegro

MBA-Montenegro Business Alliance

CC-Craft Chamber