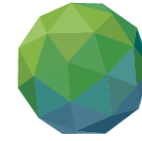


# NAP project

Enhancing Montenegro's capacity to integrate climate change risks into planning  
Unapređenje kapaciteta Crne Gore za integrisanje rizika od klimatskih promjena u planiranje



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Projekat: „Jačanje kapaciteta Crne Gore u oblasti integrisanja rizika od klimatskih promjena u proces planiranja“ –  
NAP

## Izazovi za bolju integraciju mjera adaptacije na klimatske promjene?

Content:

Overview of the national adaptation policies and efforts within the project “Enhancing Montenegro’s capacity to integrate climate change risks into planning – **local language**”

National Monitoring, Reporting and Evaluation (MRE) framework for adaptation to climate change - **English language**

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## Izazovi za bolju integraciju mjera adaptacije na klimatske promjene?

Ublažavanje (mitigacija) je intervencija za smanjenje izvora emisija ili povećanje ponora gasova sa efektom staklene bašte. Prilagođavanje (adaptacija) je prilagođavanje u prirodnim ili ljudskim sistemima kao odgovor na stvarne ili očekivane klimatske stimuluse ili njihove efekte, koje ublažava štetu ili koristi mogućnosti“ (IPCC 2001),

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## Izazovi za bolju integraciju mjera adaptacije na klimatske promjene?

Iako je godinama fokus na politika bio ublažavanje klimatskih promjena, uprkos mnogim ranjivim oblastima i sektorima, prisutan je pomak ka prilagođavanju (adaptaciji). Pобољшanje je postignuto usvajanjem Zakona o zaštiti od negativnih uticaja klimatskih promjena iz 2019. godine. On nalaže pripremu Plana prilagođavanja na klimatske promjene koji se sastoji od mjera prilagođavanja i povezane finansijske procjene mjera prilagođavanja.

Manji broj posotjećih strategija/planova sadrži akcije prilagođavanja, dok se njihova primjena sporo odvija zbog nedovoljne finansijske ili institucionalne podrške.

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## Izazovi za bolju integraciju mjera adaptacije na klimatske promjene?

Ključne prepreke koje sprečavaju uspostavljanje željenog procesa planiranja adaptacije su:

- okvir za koordinaciju planiranja adaptacije i aktivnosti je samo djelimično uspostavljen i ne funkcioniše kako je očekivano, pa postoji potreba za poboljšanjem i efikasnijim organizacionim dizajnom, jasnom raspodjelom uloga i odgovornosti, poboljšanjem kapaciteta (tehničkih i funkcionalnih) i institucionalnim aranžmanima koji će biti urađeni sa ciljem integrisanja klimatskih promjena u planove rada na sektorskom nivou,
- ograničeni institucionalni i tehnički kapaciteti na nacionalnom i sektorskom nivou za rješavanje problema klimatskih promjena kroz adaptaciju, uz potrebu poboljšanja tehničkih kapaciteta za prikupljanje, stvaranje, korišćenje i širenje informacija i servisa koji se tiču klime,
- nedostupnost odgovarajućih informacija koje su potrebne za sprovođenje informisanog i djelotvornog planiranja adaptacije i ulaganja. Teško je precizno izmjeriti i odrediti troškove opcija za adaptaciju na državnom i sektorskom nivou bez relevantnih informacija o uticajima klime, ranjivostima i kapacitetima za adaptaciju u srednjoročnoj i dugoročnoj perspektivi,
- državni i alternativni izvori finansiranja za ulaganja u adaptaciju nisu optimizovani, jer kompletni troškovi adaptacije još nisu poznati.

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## Predložena rješenja u NAP projektu

Sveobuhvatni cilj ovog projekta je poboljšanje institucionalnih kapaciteta Crne Gore za dugoročno planiranje adaptacije sa fokusom na sektore poljoprivrede, turizma, javnog zdravlja i voda.

Da bi se postigao taj cilj, predlog je osmišljen oko tri glavna ishoda, koji se ostvaruju kroz međusobno povezane i komplementarne podishode i aktivnosti:

### **ISHOD 1: Upravljanje, institucionalna koordinacija i tehnički kapaciteti za planiranje adaptacije su osnaženi**

Podishod 1.1 Institucionalni kapaciteti za planiranje adaptacije su procijenjeni i unaprijeđeni

Podishod 1.2 Institucionalna koordinacija u cilju podrške planiranju adaptacije je osnažena

### **ISHOD 2: Unaprijeđena baza dokaza za kreiranje rodno senzitivnih rješenja za adaptaciju**

Podishod 2.1: U prioritetnim sektorima su utvrđeni rodno specifični rizici i ranjivosti izazvani klimatskim promjenama, definisani su širi ciljevi i potencijalne mjere adaptacije

Podishod 2.2 Procesi nacionalnog planiranja adaptacije su utvrđeni

### **ISHOD 3: Strategija za obezbjeđivanje finansijskih sredstava za potrebe adaptacije je izrađena**

Podishod 3.1 Mehanizmi za finansiranje investicija u adaptaciju su utvrđeni

Podishod 3.2 Angažovanje privatnog sektora na adaptaciji je osnaženo

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## Predložena rješenja u NAP projektu

Priprema plana treba da dovede do toga da:

- *Crna Gora ojača svoj institucionalni okvir za koordinaciju,*
- *poboljša bazu informacija koja je potrebna za djelotvorno donošenje odluka i*
- *definiše strategiju mobilizacije resursa.*

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## National Monitoring, Reporting and Evaluation (MRE) framework for adaptation to climate change

National MRE framework for adaptation to climate change – baseline

- Law on prevention of adverse impacts of climate change
- Article 9 mandates Ministry of Environment Spatial Planning and Urbanism (MESPU) to prepare National Adaptation Plan Implementation Report every two years and submit it to Government for adoption;
- Article 10 requests line ministries in charge of energy, industry, agriculture, forestry and transport to report on measures taken to prevent negative impact of climate change as well as information on floods, droughts, extreme weather events etc;
- At present there is no by-law specifically regulating MRV/MRE system

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## National Monitoring, Reporting and Evaluation (MRE) framework for adaptation to climate change

Biennial update report of Montenegro to the United Nations Framework Convention on Climate Change provided:

- latest conceptual proposal of the national MRV system
- roadmap for implementation and improvement plan of the envisaged MRV system, including adaptation

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## National Monitoring, Reporting and Evaluation (MRE) framework for adaptation to climate change

This MRV Concept design ran in parallel with the production of our 2nd BUR and supported the development and promotion of a conceptual framework for a sustainable MRV system.

The project was designed to start the process for strategic capacity building for MRV across adaptation and mitigation and include the capture of information on support and investment in and wider impacts of climate action.

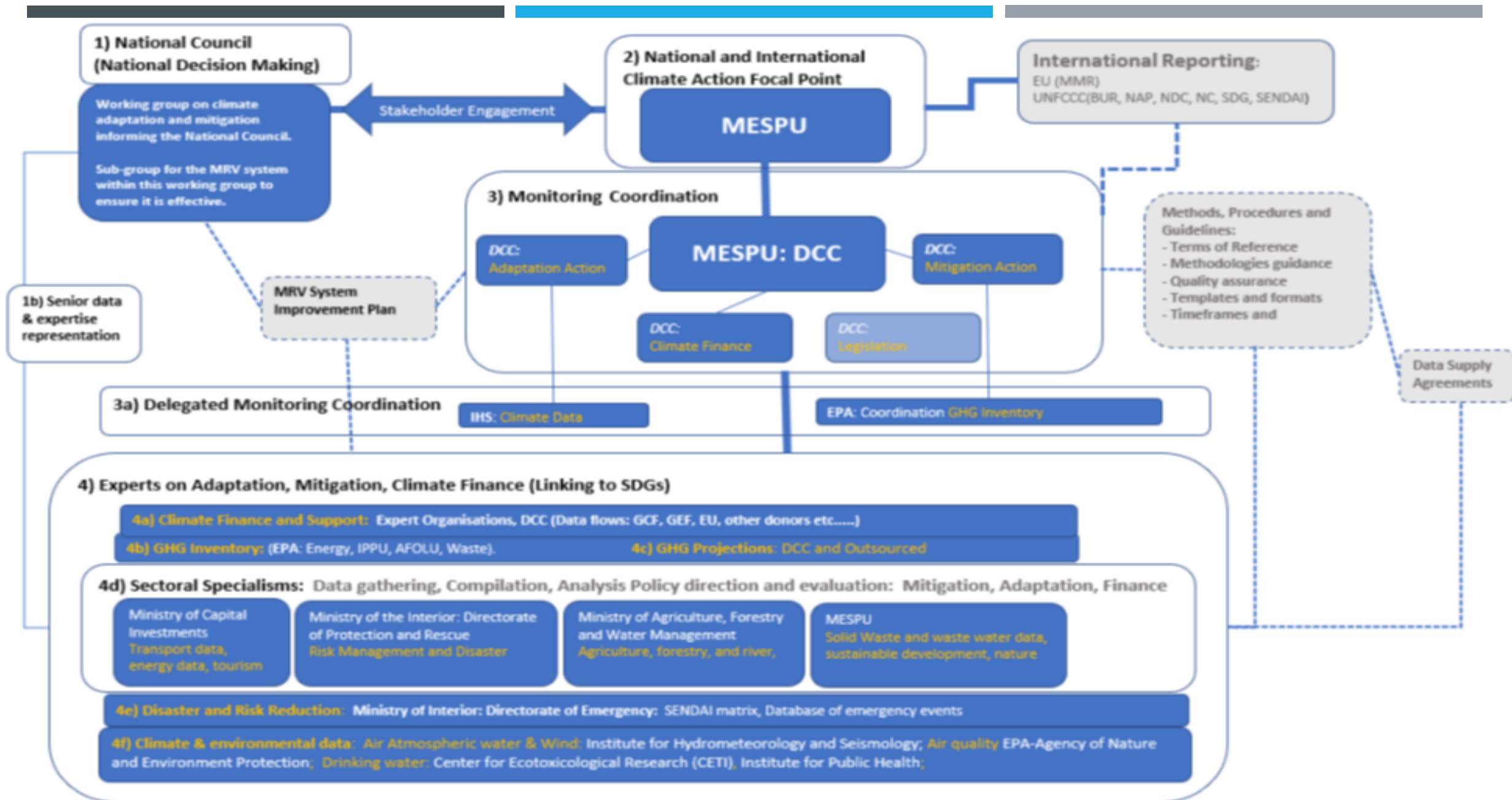
The project provided recommended institutional arrangements, roles and responsibilities and a prototype MRV system with a customised data collection structure on acclimate actions. This structuring included and linked Challenges, Objectives/Targets, Action, investments, wider impacts, indicators.

The project and resulting tools will help us to retain institutional memory and engage with stakeholders for sustained and regular data collection and reporting. This will support tracking and adjustment of our Paris Agreement actions within the NDC and our important climate adaptation actions together as a single effort.

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## Montenegro's "MRV" system: simplified

### 1) National Council

**WG: Climate Action: Secretariat = CCD**

- Policy lead Ministries
- Technical Agencies
- Data providers
- Private sector
- Civil Society
- etc



### 2) Climate Action Focal Point:

- **MEUSP**

### 3) Monitoring Coordination:

- **MMEUSP-CCD: Mitigation & Adaptation and its support/finance**

### 3a) Delegated Monitoring Coordination:

- **EPA: GHG Inventory (& Projections)**
- **Hydromet: Climate Data**
- **Monstat: National Statistical data for monitoring**



### International Reporting:

EU (MMR)  
UNFCCC(BUR, NAP,  
NDC, NC, SDG, SENDAI)

### 4) Experts on Adaptation, Mitigation, Climate Finance (Linking to SDGs)

4a) Climate Finance and Support: **(MMEUSP-CCD)**

4b) GHG Inventory & Projection: **(EPA)**

4c) Sectoral Specialisms on Action policies: **(Relevant Ministries : e.g. Economy, Transport, Agriculture, Waste etc)**

4e) Disaster and Risk Reduction: **(Ministry of Interior: Directorate of Emergency)**

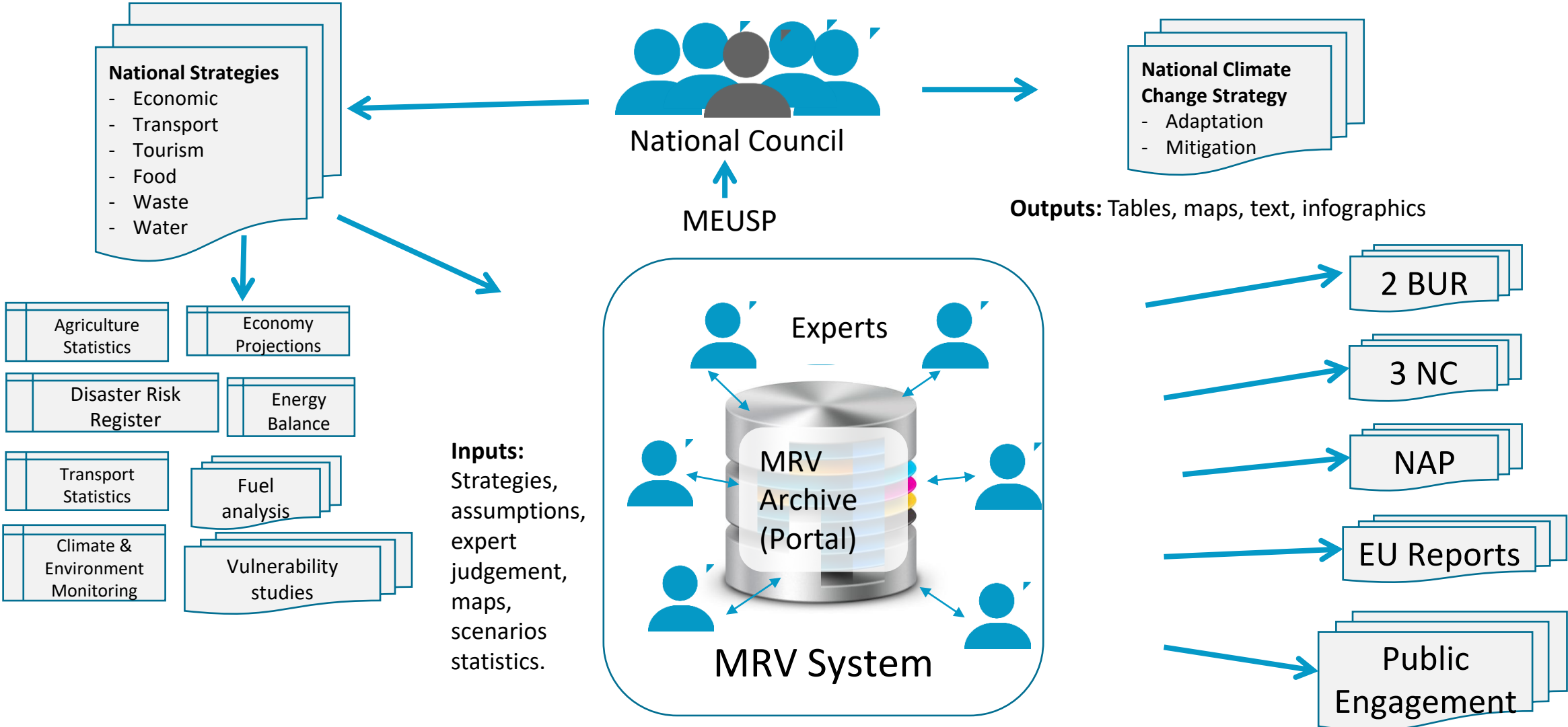
4f) Climate & environmental data: **Hydromet (Atmosphere and water), EPA (Air quality), CETI/IPH (Drinking water)**

### 5) Data providers & datasets:

**Data Providers: Monstst, Hydromet, Forestry Authority, Institute for Public Health, Institute for Marine Biology, Bio-technical facility, Ministries of: Internal affairs, agriculture and fisheries, economy, sustainable development and tourism etc....**

**Datasets: energy balance, agriculture statistics, water resources, climate trends, projections, forestry inventory, land use change etc.**

# Montenegro's conceptual data MRV system flows



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# National Monitoring, Reporting and Evaluation (MRE) framework for adaptation to climate change

Our conceptual framework for the MRV system for adaptation focusses on collecting structured information (where possible) on the following elements.

- Identifying **challenges** is essential for understanding current problems and how they may develop in the future. The **challenges** can be used to justify and highlight the importance of action and engage stakeholders around that action. **Challenges** are understood through analysis of information such as climate trends, climate scenarios, vulnerability and risk assessments.
- **Objectives/Targets** represent high-level ambition (e.g. to become more resilient). This is where high-level decision makers are most closely engaged (e.g. National budgets/strategies, Nationally Determined Contributions, Adaptation Plans/Strategies/Communications). **Targets, objectives** and outcomes exist in a range of different quantitative and qualitative forms. Linking these targets, objectives and outcomes to the challenges, actions, their wider impacts and the indicators will help support decision makers in defining ambitious and well-planned interventions.
- **Climate Change Actions** that have an impact on adaptation should be listed and tracked. This provides a foundation for the engagement of stakeholders by identifying, managing and communicating adaptation interventions. It enables stakeholders to understanding the scope and of actions and guides the design of suitable tracking and reporting systems to update stakeholders and the international community on progress. Actions are linked to Challenges, Targets, Implementation (support) and Wider Impacts.
- **Wider impacts** are the effects that a climate action may have, both positive and negative, on other national strategies (economic, agricultural, health etc) and on Sustainable Development Goals (SDGs). Strengthening the justification for implementing an action. Revealing potential areas of conflict where caution must be taken at an early stage before commitments are made. Aligning climate action with wider strategies and sustainable development goals will gather greater momentum, support and engagement.
- **Implementation** (Support). Actions represent change, and change requires investment. Therefore, for effective implementation of climate action it is crucial to identify the resource need, support provided and potential further investment. A Climate Action cannot be considered credible unless is has associated implementation support (e.g. investment, capacity building or technology support). Support can be provided through national or international, public or private channels and will be specific to the action.
- **Indicators** are a set of updatable statistics provide the means to track actions, targets, challenges, wider impacts and implementation (support). Indicators provide an updatable story of progress or challenges to national stakeholders. They help define the priorities and frequency of data gathering activities. Indicators provide powerful engagement tools which motivate and drive action. This will allow for sustained momentum of action and progression to achieving targets.

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## National Monitoring, Reporting and Evaluation (MRE) framework for adaptation to climate change

NAP intervention:

Developing of the conceptual framework for monitoring, reporting and evaluation (MRE) system and link it with MRV system in one comprehensive MRV/MRE national system

Develop indicators for monitoring progress and evaluation of effectiveness of adaptation measures proposed within the NAP process

Provide capacity building support to the national institutions for implementation of the MRE system, focusing on coordination of horizontal and vertical exchange of data relevant for CCA indicators defined within the scope of the project.

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**Hvala na pažnji.**

**Za dodatne informacije obratite se:**

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