

Annual plan 2021

Operational document for staff and partners



Rural settlement, Tanzania, photo@Luc JDB

Annual plan for the period 1 January 2021-31 December 2021

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13-08-2021

Contents

| | |
|---|----|
| Acronyms | 3 |
| Identity sheets | 5 |
| General data | 5 |
| Programme presentation | 7 |
| Introduction | 9 |
| 1- Operational Plan 2021 (at level of results & activities) and corresponding budgets | 10 |
| 3- Description of annual plan 2021 per country | 19 |
| 1. Benin | 19 |
| 2. Burundi | 20 |
| 3. RD Congo | 21 |
| 4. Other countries | 23 |
| 4- Human Resources | 25 |
| 5- The log frame of phase II | 25 |
| 6- Budget of year 2021 | 26 |
| 7- Monitoring & Evaluation, gender | 27 |
| ANNEXES | 27 |

ACRONYMS

| | |
|----------|---|
| ARES | Académie de Recherche et d’Enseignement Supérieur |
| APN | African Parks |
| AVIGREF | Associations Villageoises de Gestion des Réserves de Faune |
| BELSPO | Belgian Science Policy Office |
| CAMES | Conseil Africain et Malagache pour l'enseignement supérieur. |
| CBD | Convention on Biological Diversity |
| CBFP | Congo Basin Forest Partnership |
| CBNRM | Community based natural ressources management |
| CEBioS | Capacities for Biodiversity and Sustainable Development |
| CENAGREF | Centre National de Gestion des Réserves de Faune |
| CEPA | Communication, Education and Public Awareness |
| CHM | Clearing House Mechanism |
| CHM-IAC | CHM Informative Advisory Committee |
| CHM- IT | Clearing House Mechanism Information Tools |
| CIFOR | Center for International Forestry Research |
| CITES | Convention on International Trade in Endangered Species of wild fauna and flora |
| COHERENS | Coupled Hydrodynamic Ecological Model for Regional Shelf Seas |
| COMIFAC | Commission des Forêts d’Afrique Centrale |
| COP | Conference of the Parties |
| CSB | Centre de Surveillance de la Biodiversité |
| D4D | Digital for Development |
| DDD | Direction de Développement Durable |
| DGD | Directorate-general for Development Cooperation and Humanitarian Aid |
| ENABEL | Belgian Development Agency |
| ES | Ecosystem service |
| FAQ | Frequently Asked Questions |
| GTI | Global Taxonomy Initiative |
| IA | Institutional Actor |
| ICCN | Institut Congolais pour la Conservation de la Nature, Kinshasa, D.R. Congo |
| ICT | Information and Computer Technology |
| IDCP | Indicative Development Cooperation Plan |
| IEBR | Institute of Ecology and Biological Resources, Hanoi, Vietnam |
| INRB | Institut National de Recherche Biomédical |
| IPBES | Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services |
| IRD | L'Institut de recherche pour le développement |
| IRHOB | L'Institut de Recherches Halieutiques et Océanologiques du Bénin |
| ITM | Institute for Tropical Medicine Antwerp |
| KLIMOS | Interdisciplinary and interuniversity research platform generating capacity for the sustainability transition |
| MEPN | Ministère de l’Environnement et de la Protection de la Nature |
| MRV | Measurement, Reporting and Verification |
| MTE | Mid-term evaluation |
| NGO | Non-Governmental Organisation |
| NP | National Park |

| | |
|--------------|---|
| NBSAP | National Biodiversity Strategy and Action Plan |
| OBPE | Office Burundais pour la Protection de l'Environnement |
| OECD | Organisation for Economic Co-operation and Development |
| OECD-DAC | OECD Development Assistance Committee |
| PSU | Publication Service Unit RBINS |
| RBINS | Royal Belgian Institute of Natural Sciences |
| AfricaMuseum | Royal Museum for Central Africa |
| SBI | Subsidiary Body for Implementation |
| SBSTTA | Subsidiary Body on Scientific, Technical and Technological Advice |
| SDG | Sustainable Development Goals |
| SO | Specific Objective |
| UAC | Université d'Abomey- Calavi , Benin |
| UA | Universiteit van Antwerpen, Belgium |
| UB | Université du Burundi |
| UG | Université de Goma |
| ULB | Université Libre de Bruxelles, Belgium |
| UNIKIN | Université de Kinshasa, DR Congo |
| UNIKIS | Université de Kisangani, DR Congo |
| UNILU | Université de Lubumbashi, DR Congo |
| UOB | Université Officielle de Bukavu, DR Congo |
| UN | United Nations |
| UNEP | The United Nations Environment Programme |
| UNESCO | The United Nations Educational, Scientific and Cultural Organization |
| UNESCO-MAB | The UNESCO Man and Biosphere Programme |
| VLIR-UOS | Flemish Interuniversity Council, Cooperation for development, Belgium |
| VNMN | Vietnam National Museum Of Nature |
| WCMC | The UN Environment Programme World Conservation Monitoring Centre |
| WWF | World Wildlife Fund |

IDENTITY SHEETS

General data

| ID | Name | Acronyme | Country | Address | Tel. | Email address | Website | Status | Activity | Project account number |
|----------------|--|---|----------|----------------------------------|------------------|------------------------------|---|--------------------------------|---|------------------------|
| Head office | | | | | | | | | | |
| Secretariat | Royal Belgian Institute of Natural Sciences, CEBioS | RBINS | Belgium | Vautierstraat 21, 1000, Brussels | +32(0)2627 45 87 | ljanssens@naturalsciences.be | http://www.biodiv.be/cebios2/ | Federal scientific institution | Research and outreach in natural sciences | |
| Manager | Luc Janssens de Bisthoven | | Belgium | CEBioS, RBINS | +32(0)2627 45 87 | ljanssens@naturalsciences.be | | | | |
| Contact person | Luc Janssens de Bisthoven | | | | | | | | | |
| Local partners | Université Abomay-Calavi | UAC | Benin | | | | | Public university | Academic | |
| | Office Burundais pour la Protection de l'Environnement | OBPE | Burundi | | | | | Agency of the Ministry | Management protected areas | |
| | Centre de Surveillance de la Biodiversité | CSB | DR Congo | | | | | Research Institute | Monitoring & research biodiversity | |
| | Université de Kisangani, Université de Kinshasa, Université de Lubumbashi, Université de Goma, Université Officielle de Bukavu | UNIKIS UNIKIN UNILU UGO UOB | DR Congo | | | | | Public universities | Academic | |
| | Institut Congolais pour la Conservation de la Nature | ICCN | DR Congo | | | | | State agency | Management National Parks | |
| | Institut de Recherches Halieutiques et Océanologiques au Bénin | IRHOB | Bénin | | | | | Research Institute | Protection coastal systems | |

| | | | | | | | | | | |
|-----------------|---|--|---|--|--|--|--|------------|--|--|
| | Ministries of Environment of Benin, Burundi, DR Congo, Guinea, Togo, Niger, Morocco, Palestinian Territories, Uganda, Tanzania and their agencies | | Various countries in Sahel, Palestina, Magreb and East Arfica | | | | | Ministries | Collaboration national Clearing House Mechanism, NBSAP | |
| Secretariats | Various | | | | | | | | | |
| Managers | On demand | | | | | | | | | |
| Contact persons | Various, no office in the South | | | | | | | | | |
| Target group | Researchers, civil servants | | | | | | | | | |

Programme presentation

| DATA | |
|--------------------------------|--|
| Project number | |
| Original title | CEBioS-‘Building capacities for Biodiversity and Sustainable development’ |
| French title | CEBioS-‘Renforcer les capacités pour la Biodiversité et le Développement durable’ |
| Dutch title | |
| English title | CEBioS-‘Building capacities for Biodiversity and Sustainable development’ |
| Contact person | Dr. Luc Janssens de Bisthoven |
| Service | |
| Intervention number | |
| Basic contribution | |
| Budget heading | |
| Executing body | Royal Belgian Institute of Natural Sciences |
| Project code of executing body | |
| Executing body: other | |
| Subcontractor | none |
| Local partners | Universities, research institutes, ministries and their agencies, development actors in developing countries |
| Implementation period (months) | 2019-2023 |
| Country of implementation | Priority in Benin, Burundi, and DR Congo. 25 other countries eligible for certain interventions, in Africa, and SE Asia |
| Region of implementation | Africa, SE Asia |
| Province/Department | Benin: coast and North/ Burundi: entire country/ DR Congo: entire country with focus on Kisangani, Goma, Bukavu and Lubumbashi |
| Local situation | fragile |
| Type of funding | |
| Bilateral/Multilateral/NSA | |
| Info (ODA, PBA, etc.) | |
| Group/Programme | |
| TO BE COMPLETED BY THE DGD | |
| TO BE COMPLETED BY THE PARTNER | |



Traditional beehive, Ethiopia, photo@LucJDB

INTRODUCTION

This annual plan for 2021 concerns the third year of the second phase (2019-2023) within the 10-year strategy (2014-2023) of the CEBioS programme, financed by DGD and based at the Royal Belgian Institute of Natural Sciences.

The steering committee of the CEBioS programme recommended to submit the annual plan 2021 during the first half of 2021, because of a substantial delay of activities and expenditures in 2019 and 2020. This was due to a combination of delayed political approval in 2019 and the outbreak of the Covid pandemic in 2020, which led to the postponing of many activities. The expenditure period of 2020 has been prolonged until May 2022 for the same reasons.

Annexes:

Intervention logic, mission, objectives, expected results and a schematic overview of the Theory of Change for this second phase of the programme can be consulted in annex 1 at the end of this document.

The annexes 2-6 come as separate files. Annex 2 provides the complete log frame for CEBioS. Annex 3 presents the budget table for the period 2021-2023. Annex 4 to 6 provide the log frames and operational plans of our institutional partners, respectively 'Université Abomey-Calavi' (UAC, Benin), 'Office Burundais pour la Protection de l'Environnement' (OBPE, Burundi) and 'Centre de Surveillance de la Biodiversité' (CSB, DR Congo). The operational plan for the 'Institut de Recherches Halieutique et Océanologique du Benin' (IRHOB, Benin) is provided in the text of this annual plan 2021.

1- OPERATIONAL PLAN 2021 (AT LEVEL OF RESULTS & ACTIVITIES) AND CORRESPONDING BUDGETS

The annual plan of 2021 follows the five-year **log frame (Annex 2)** and is presented at the level of the **Results** and the **Activities** in Table 1. The four Results (capacities/ CHM/ MRV/ awareness) are transversal and ventilate across the four Specific Objectives (SO which are defined in function of the targeted public: scientists/ implementing authorities/ policy makers/ development actors) (see log frame).

The right column in Table 1 gives- at the activity level- an indication about the corresponding 2021 budgets, as indicated in the **budget table (Annex 3)**, with the corresponding budget reference numbers. **Please note that activities marked with ‘*’ have been budgeted in 2020, though had to be postponed to 2021 due to the Covid pandemic. The annual report will clarify which activity was done on which budget year.**

Table 1: annual planning **2021** and related budgets

| Results | Ind. Nr. | Indicator | Baseline | Target Year 2021 | Details of annual planning at the level of Results & Activities | Budget € (only at level of activities, indicative) | Budget Ref. Nr. Rx.y-z x= SO (1-4) y= Result (1-4- z= ref nr. in budget |
|--|----------|--|----------|------------------|---|--|--|
| Result 1 -The capacities of scientists, (implementing) authorities, decision makers and policymakers are strengthened to enable them to contribute to the sustainable use and conservation of biodiversity | 20 | Number of persons of which the capacities have been strengthened (per CB type) (for all results) | | | | | |
| | | Men | 80-90% | 48 | CHM: 16 GTI: 8 male trainees are expected to come to Belgium (in framework of 2020 call) (There was no new call in 2021, so figures are on students from 2020 call, 2020 budget... Visits will be a bit longer though (5 weeks instead of 4) and we will have extra Covid-related costs, so we will also need the 2021 budget.) OBPE institutional: 2 CSB institutional: 20 IRHOB: 2 Pilot projects on habitat monitoring and data bases (remote sensing) : 10 | | |
| | | Women | 10-20% | 12 | CHM: 3 GTI: - 4 female trainees are expected to come to Belgium (2020 call) MRV: 2 (promoters, co-promoters, collaborators of the selected FR and Engl projects) CSB institutional: 3 Pilot projects on habitat monitoring and data bases (remote sensing) : 3 OBPE institutional: 1 | | |
| | | Total | 40/year | 60 | CHM: 19 GTI: 12 ok CSB institutional: 7 | | |

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|--|----|--|---------------|----|---|--|--|
| | | | | | Pilot projects on habitat monitoring and data bases (remote sensing) : 7 OBPE institutional: 3 IRHOB: 2 | | |
| | | Benin | 5 | 8 | Habitat monitoring : 1 PhD Marine modelling : 2 students at IRHOB & UAC +GTI: UAC (3), Parakou (3) | | |
| | | Burundi | 10 | 15 | OBPE institutional: 5 Other: 10 Habitat monitoring : 1 student + GTI: OBPE (1) | | |
| | | DR Congo | 10 | 20 | CSB institutional: 13 Pilot projects habitat monitoring and data bases (remote sensing) : 13 Habitat monitoring : 2 students +GTI : RDC (2) | | |
| | 21 | Number of trainings (per CB type) (for all results) | 5/year | 10 | Covid might prevent trainings CHM: 4 GTI: 4 MRV: none Pilot projects on habitat monitoring and data bases (remote sensing) : 2 Nagoya Protocol training North : 2 | | |
| | 22 | Level of satisfaction with the quality of capacity building (per CB type) (for all results) | | 7 | After each training, the trainees will be asked to fill in a form with some questions related to the quality of the capacity building and a scoring system. The combined replies to question 20 in annex (survey) will provide the average quotation for this indicator. | | |
| | 23 | Level of self-reported motivation and ability to apply new knowledge and skills (per CB type) (for all results) | | 7 | After each training, the trainees will be asked to fill in a form with some questions related to the self-assessment of increased or acquired capacity and a scoring system. The combined replies to questions 18 and 19 in annex (survey) will provide the average quotation for this indicator. | | |
| | 24 | Number of AbcTaxa publications produced with support of the programme | 4 for 4 years | 1 | 3 AbcTaxa volumes are in the pipeline on the reptiles of Cuba, the sponges of Peru and the edible mushrooms of West Africa | | |
| | 25 | Number of presentations or posters presented by South researchers (participation supported by CEBioS) at scientific congresses related to biodiversity and development | 1-5/year | 3 | Within the institutional collaborations, GTI, MRV and other activities, South researchers will present posters and hold presentations, according to the opportunities offered and within reach of budget | | |

RBINS-CEBioS: ANNUAL PLAN 2021 (second year of PHASE II)

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|--|----|--|-----------------|---|--|---|--|
| | 26 | Number of datasets on biodiversity established by National Parks and other important biodiversity hotspots as a result of capacity development CEBioS | 1-2 | 2 | CSB institutional: 1 for the biodiversity hotspot studied in 2020 (Baboro, Bas-Uélé) For OBPE (Burundi : 1 or several data sets monitoring habitats of national parks) | | |
| | 27 | Number of agenda items led by CEBioS staff for Belgium in OECD, IPBES, SBSTTA, COP, expert meetings of CBD, EU and other organisations | 5-10 in 5 years | 2 | 2021, being a pre-COP year (delayed due to the pandemic in 2020), CEBioS will be pilot or co-pilot for Belgium and the EU on a number of policy items, such as bushmeat, capacity building, technical and scientific cooperation in support of the Belgian delegation. CEBioS will attend SBI-3, Open ended working group 3 and SBSTTA-24 | | |
| | 28 | Number of partner country staff supported by CEBioS activities, attending international policy conferences | 2-3/ 2 year | 0 | No budget is foreseen for this activity in 2021. There might be one participant from Niger on 2020 budget to participate in COP26 for UNFCCC | | |
| Activities | | | | | | | |
| 1. Coaching of students in terrestrial/freshwater biology and ecosystem services directly by CEBIOS staff to apply for grants, write abstracts for conferences, write papers | | Following specific demands by partners, parts of GTI, marine modelling and institutional cooperation with RDC, Benin and Burundi. See also operational plans of institutional partners in annexes 4, 5 and 6. | | | | 25000 (RDC) 3000 (pilots) and others | R1.1-3 (RDC students) R1.1-6 |
| 2. Coaching of students directly by CEBIOS staff for marine modelling (SDG 14.2 & A) to apply for grants, write abstracts for conferences, write papers | | Coherens capacity building Students do field trips. See also operational plan of IRHOB in text. | | | | 18000 (oper.) 5000 (mission) & 5000 (oper.) | R1.1 -4 |
| 3. GTI call and coaching of students by RBINS and external scientists through "N-S" calls | | 4 projects will be selected through our annual call: 4 projects on 2020 budget * + 4 on 2021 budget | | | | 55.000 | R1.1 -2 |
| 4. Coaching of students through GTI call and earmarked budgets through "S-N" calls | | -12 grantees will be selected through our annual call - part of the 2021 R1.1 -1 budget will be used to finance a DNA barcoding workshop in Morocco (if remaining 2020 budget (CHM)* is not sufficient) | | | | 55.000 | R1.1 -1+ part of inst. cooperation: R1.1 -7 R1.1 -9 |
| 5. Organising, co-organising by CEBioS (direct or indirect) or participating in larger events (symposia , summer schools, uptake meetings) | | -Fund raising for and preparation of the second International Conference on Biodiversity of the Congo Basin -Fund raising for and preparation of the workshops needed to to prepare for the updating of the 'Etat des Lieux de la Biodiversité en RD Congo' -Goma: workshop on data management and data platforms * -Bukavu : workshop on science-policy-interface* | | | | 5500 | N/A staff time or in kind contribution of staff time R2.2.24: |
| 6. -Attending juries by CEBioS staff | | Participation in the CHM-Award jury and others on demand. | | | | 3000 | R3.2-28 |

RBINS-CEBioS: ANNUAL PLAN 2021 (second year of PHASE II)

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|---|--|---|---|
| 7. Attending congresses by CEBioS staff with poster or oral presentation to consolidate scientific credibility and present results and publishing scientific papers co-authored by CEBioS staff, assessing/analysing ecosystem services approach and capacity building (put budget) | -Participation at the IUCN World Conference, Marseille, September 2021* -Participation at the ICCB conference in Kigali, with a workshop on MRV* If any other suitable opportunity arises and budget allows, CEBioS staff will present its work at conferences, symposia etc. | 6277 | R4.4-34 |
| 8. Supporting South scientists to attend international scientific congresses | According to the opportunities offered and if budgets allow (for instance if an activity in an institutional collaboration cannot take place, its budget could be attributed to the participation in a conference) - Participation of GTI alumnus Jennifer Olbers at the International Conference of Zoology, 22-24 November 2021 (virtual)* - Participation at the ICCB conference in Kigali, with two presentations of the CSB* | No budget | |
| 9. Supporting South partners to organise (inter)national scientific congresses | -Working with the local team to prepare for the second International Conference on Biodiversity of the Congo Basin (on the condition that the budget can be secured) -Working with the local team to prepare for the organisation of the workshop(s) needed to prepare for the updating of the 'Etat des Lieux de la Biodiversité en RD Congo' (on the condition that the budget can be secured) | No budget | |
| 10. Disseminate AbcTaxa to South partners or North partners (sales) by the secretariat of CEBioS | New dissemination strategy : we will no longer send all volumes to all National Focal Points. We prefer to send the volumes to interested partners in several eligible countries. We have investigated if the volumes are being used, by whom, and for what purpose, therefore we asked them to answer our online survey (available in FR and ENG), however with very little response. There is a kind of VIP list of important institutes to which the volumes are sent. The secretariat keeps the updated list so she knows to which institutes we have sent / will send the volumes. | 18000 | R1.1-5 |
| 11. Organize closing MRV workshops explaining policy brief, eventually back to back with other events | None planned in 2021 In 2021 CEBioS will actively disseminate the policy briefs (paper) stocked at the institute by a proactive communication to N and S authors and partners. | | |
| 12. Organise awareness methodology and communication workshops for CEBioS-alumni | -Training to GTI-Alumni during their stay in Belgium -Training of CHM managers during the networking meeting - training of MRV alumni during the Bukavu workshop (activity in 2022, on budget 2020). | Part of 55000 (GTI) 5000 (networking CHM) | R1.1-1 and R2.2-20 |
| 13. Implement South trainings in habitat monitoring | - One regional training in DRC or Burundi (20 persons) will be postponed due to Covid - Special attention will go to the use of the collected data in appropriate data bases and their publication at GBIF, CHM and other relevant websites. | 3500 (Ben.) 3500 (Bur.) No budg. for RDC | R2.1-14: (Benin) R2.1-15: Burundi R2.1-16 (RDC) |
| 14. Identify, formulate and implement research projects related to value chains of ecosystem services | 2 subjects in DRC, 1 in Burundi, 1 in Benin See also operational plans of institutional partners in annexes 4, 5 and 6. | Part of : 37000 (OBPE) 9000 (UAC) 41000 (CSB) | R1.1 -7 R1.1 -8 R1.1 -9 |

RBINS-CEBioS: ANNUAL PLAN 2021 (second year of PHASE II)

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|--|--|--|-------------------------------|
| 15. Collect data on transects in protected areas | DRC + Burundi (Reserve transfrontalière de la Ruzizi) ; Burundi (PN Ruvubu, PN Kibira) ; Benin (PN Pendjari+W) | 20500 (Ben.) 19900 (Bur.) no budg. (RDC) | R2.1-14 R2.1-15 R2.1-16 |
| 16. Co-produce lexica with local partners | A lexicon on the 'Réserve Naturelle de l'Itombwe " (DRC) in production | no budget in 2021 | R2.1-17 |
| 17. Attend international policy meetings for OECD, IBPES | None planned in 2021 | N/A | |
| 18. Attend SBSTTA and COP of CBD | SBSTTA-24, SBI 3, COP15 participation by at least one CEBioS staff member/ will be online due to Covid | 6000 | R3.1-25 |
| 19. Support and promote South attendance to SBSSTA, COP etc. | 2-3 missions for S-partner to COP15 no budget in 2021 but will be done on 2020 if COP15/SBSTTA24 ad SBI3 will take place in 2021 or beginning of 2022 | no budget in 2021 | R3.1-26 |
| 20. Organise NP trainings in North | At least 2 trainings sessions will be organised in collaboration with the national focal point for the Nagoya Protocol, IRSNB and Synthesis II project. | No budget | |

| Results | Ind. Nr. | Indicator | Baseline | Target Year 2021 | Details of annual planning at the level of Results & Activities | Budget € (only at level of activities, indicative) | Budget Ref. Nr. Rx.y-z x= SO (1-4) y= Result (1-4- z= ref nr. in budget |
|---|----------|--|----------|------------------|--|--|--|
| Result 2 : CHM and other IT tools in service of national research, monitoring and management are functional and used by scientists, authorities, their partners, and target) publics | 29 | Number of scanned pages/items (digitised scientific literature, photos and more) available on CHM, GBIF and the archives of the national parks of former Belgian Congo (www.apncb.be) through the direct support of CEBioS | 40-50 | 50 | A call for digitisation of gray literature will be launched for the partner countries. The digitised content should be posted on the national CHM. Students will do scanning work of archives at the RBINS. | | |
| | 30 | Number of CHM technical and IAC meetings participation attended by CEBioS staff | 2/year | 2 | Participation in CHM-IAC, ABS-CH IAC, CEPA-IAC and Capacity building for the Nagoya Protocol IAC. So far no meetings have been planned by the SE CBD due to COVID pandemic. | | |
| | 31 | Number of people enabled to train contributors to the CHM in partner countries | | | | | |
| | | Men | 8 | 8 | The CHM networking event will be organised for Francophone countries but will depend on the moment COVID pandemic. A proposal is to organise it in Niger. | | |
| | | Women | 2 | 2 | The CHM networking event will be organised for Francophone countries but will depend on the COVID pandemic. A proposal is to organise it in Niger | | |
| | | Total | 10 | 8 | The CHM networking event will be organised for Francophone countries but will depend on the COVID pandemic. A proposal is to organise it in Niger | | |

RBINS-CEBioS: ANNUAL PLAN 2021 (second year of PHASE II)

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|-------------------|--|---|--|-------|--|---|-------------------------------|
| | 32 | Number of national trainings organised by CHM trainees | 2-4 | 4 | CHM national training will be given in 4 countries, timing to be decided on their momentum in adapting the Bioland tool. No exact country names can be given yet | | |
| | 33 | Number of persons reached in national trainings organised by trainees | 40-60 | 50 | During each national training (see indicator 32) we can expect to reach 12-15 people. OBPE also organises national trainings in their global allocation | | |
| | 34 | Number of visitors to CHM web sites | 250.000 | 29000 | Following the national training sessions, more visitors can be expected on the national CHMs. Google analytics will be used to check this | | |
| Activities | | | | | | | |
| 21. | Organising national content management workshops for scientists | | During national CHM trainings partner countries will be asked to also include scientists from Universities and research institutes in the training workshops | | | 20000 | R2.2-18 |
| 22. | Encouraging scientific posts on the CHM | | Posting of projects, project reports is encouraged in GTI, awareness and MRV projects. Parts of the work delivered in institutional collaborations will be posted to the CHM as well (rough data-sets, field reports...)/ CHM call | | | 50000 (CHM call) | R3.2-27 |
| 23. | Doing scanning sessions of archives at RBINS and in the countries | | -4 job students will be hired on overhead at RBINS -Digitalisation of grey literature will be organised. | | | 5000 | R1.2-10 |
| 24. | Organisation of networking and training events for national CHM | | 2 national training workshops will be organised, including one by OBPE 2 networking meeting about CHM (Missions postponed due to Covid, instead online events) | | | 15000 (CHM worksh.missions)/ 20000 (worksh. CHM) 25000 (netw. CHM) 5000 (netw. CHM missions) | R2.2-18 R2.2-19 R2.2-20 |
| 25. | Participation in meetings for development of IT tools in the framework of CBD and EU | | Participation in CHM-IAC sub-group on Bioland development . Will mainly be Skype calls and one or two meetings back to back to SBSTTA and other CBD meetings | | | No budget in 2021 | R2.2-19 |
| 26. | Involvement in development or application of mainstreaming tools | | Participation as in DART development as well as in the framework for post 2020 for mainstreaming tools | | | | |
| 27. | Attend CHM technical and IAC meetings | | Participation in CHM-IAC, ABS-CH IAC, CEPA-IAC and Capacity building for the Nagoya Protocol IAC | | | 6000 | R3.1-25 see above, act. 26 |
| 28. | Attend CHM-related activities such as contests, prizes | | Participation in the CHM-Award jury and others to be decided on demand | | | 3000 | R3.2-28: see above, ind. 30 |
| 29. | Organise CHM trainings in partner countries | | See activity 25 | | | | |
| 30. | Stimulate partners to participate in in CHM related activities | | Participation by partners in CBD policy meetings | | | | R3.1-26: see act. 28 |

RBINS-CEBioS: ANNUAL PLAN 2021 (second year of PHASE II)

| Results | Ind. Nr. | Indicator | Baseline | Target Year | Details of annual planning at the level of Results & Activities | Budget € (only at level of activities, indicative) | Budget Ref. Nr. Rx.y-z x= SO (1-4) y= Result (1-4- z= ref nr. in budget |
|--|----------|--|-----------------------------|-------------|--|--|--|
| Result 3 – Scientists, in collaboration with implementing authorities are able to valorise and communicate about their research related to monitoring and managing ecosystems and services, among authorities and decision makers | 35 | Number of tools (Policy Briefs, lexica , etc) published that facilitate the application of scientific knowledge to ensure the monitoring of habitats and of ecosystem health | | 4 | Through MRV & awareness projects (posters, manuals, videos) and output of Belspo financed EVAMAB project on Man and Biosphere reserves 1 MRV policy brief (with budget 2020, prepared during workshop Bukavu early 2022). | | |
| | | | 1/1.5 year | 1 | Lexica: 1 on Ruvubu National Park (Burundi) is being prepared. | | |
| | | | 12 in 4 years | 2 | Policy Briefs: not planned in 2021 MRV Policy Briefs: none planned in 2021, since the MRV projects are executed in 2019-2021. Policy briefs can only be generated at the end of a project cycle. Production and distribution of a 2020 Policy Brief, the result of the Bukavu workshop on science-policy interface early 2020, is postponed to early 2022 | | |
| | 36 | Number of CEBioS trainees that become involved in the production of lexica and policy briefs with the support of CEBioS | estimated 10-20 per product | 30 | Lexicon “Réserve Naturelle de l'Itombwe” will be ready for publication in 2022 | | |
| | 37 | Number of projects on MRV awareness raising completed | | 0 | Not planned in 2021, as awareness projects typically follow after the closure of the MRV-projects (2019-2021) and even after the closing workshop (2022) during which policy briefs and/or other dissemination tools will be discussed and/or developed. | | |
| Activities | | | | | | | |
| 31. Create flyers, posters, video's, by and with alumni or partners | | | | | MRV : none, see explanation with indicator 35 CSB institutional: 2 OBPE institutional activities on MRV :1 | 5000 | R2.4-23 |
| 32. Organise local meetings with specific target groups | | | | | -MRV : none, see explanation with indicator 32, unless some of the 2019-2021 projects are organising such meetings. -CSB institutional: at least 1 in the framework of providing feedback to local population groups based on the politico-economical surveys and the results of the biological research done in the biodiversity hotspot area studied. Budget included in the CSB-budget. It is unknown at this stage with which specific target groups this will be. -OBPE institutional activities on MRV :1 | | |

RBINS-CEBioS: ANNUAL PLAN 2021 (second year of PHASE II)

| | | | | | | | |
|---|-----------------|---|-----------------|--------------------|---|---|--|
| 33. Assure the targeted dissemination of the tools produced | | | | | A survey has established the target groups and all outputs are inventoried. Finetuning an inventory management system for CEBioS publications like <i>Abctaxa</i> , lexicons, highlights and policy briefs. For <i>Abctaxa</i> : see new strategy of dissemination. Distribution of other publications is at the request of colleagues. Policy briefs and lexica are disseminated during the staff missions. <i>Abctaxa</i> is disseminated on demand. New web site CEBioS, GTI and <i>abctaxa</i> & new Newsletter to be launched second half of 2021. | | |
| 34. Publish activity reports to CHM | | | | | For every sub-program (GTI, MRV, awareness, institutional collaborations) and other activities, local promoters are required to publish their activity reports on the local CHM. | No budget, unless part of a CHM call project 50.000 | R3.2-27 |
| 35. Organise MRV formulation and training workshops Fr and Engl | | | | | None in 2021 (the FR and Engl formulation and training workshops took place in 2019) | N/A | |
| 36. Organise MRV calls Fr and Engl | | | | | In 2021 only the remainders of the English projects (call 2020) have to be settled. | 6000 | R1.3-11 |
| 37. Implement and follow up on MRV projects | | | | | -some of the projects of the Engl call, launched in 2020, will still have to be followed up, using a Gant-chart, e-mail and telephone contacts.. -Follow-up of the MRV work of the CSB and OBPE will be assured during the follow-up missions for the institutional collaboration. | No budget | |
| 38. Organise MRV closing workshops Fr and Engl, back to back with awareness methodology workshops | | | | | The closing workshops (FR and Engl) will be organised in 2022, back to back with an awareness-tools workshop for all CEBioS alumni | N/A | |
| 39. Organise MRV awareness calls Fr and Engl | | | | | None in 2021. Awareness calls for both language groups will be organised after the closing workshop in 2022. | N/A | |
| 40. Implement and follow up on awareness projects | | | | | MRV awareness projects: not applicable in 2021 | | |
| 41. Create policy briefs with and by CEBioS-alumni | | | | | MRV : none in 2021. Activity will be launched in 2022 during the MRV Closing workshop | N/A | |
| Results | Ind. Nr. | Indicator | Baseline | Target Year | Details of annual planning at the level of Results & Activities | Budget € (only at level of activities, indicative) | Budget Ref. Nr. Rx.y-z x= SO (1-4) y= Result (1-4- z= ref nr. in budget |
| Result 4 - The awareness about governance, monitoring, sustainable use and | 38 | Number of awareness raising meetings with different target groups, organised by CEBioS partners | ca 3-5/year | 5 | -Within the awareness raising projects that are estimated 5 - 12 this year one can expect to have at least one meeting per project. -MRV : some of the projects are organising such meetings as part of the projects executed in 2019-2021. - CSB institutional: at least 1 in the framework of giving feedback to local population groups based on the politico-economical surveys and the results of the biological research done in the biodiversity hotspot area studied. Budget | | |

RBINS-CEBioS: ANNUAL PLAN 2021 (second year of PHASE II)

| | | | | | | | |
|--|----|--|----------|---|--|--|---------------------------------------|
| management of biodiversity is raised | | | | | included in the CSB-budget. It is unknown at this stage with which target groups this will be. -OBPE institutional activities | | |
| | 39 | Number of vulgarizing documents effectively published (videos; posters; flyers; or articles in popular media) by partners, eventually with support of CEBioS | 5 | 7 | Given the capacity building activities within the institutional collaborations, the subprogrammes GTI, CHM, awareness and MRV, we expect some outreach material to be produced by the partners. Quantity depends on the contents of the projects proposed during the calls. | | |
| | 40 | Number of projects on awareness raising carried out (except MRV, see ind. 37) | 2-5/year | 4 | One call for awareness raising CHM projects will be launched. Depending on the quality and the funding requested by the partners 4-8 projects can be accepted. | | |
| Activities | | | | | | | |
| 42. Attend/organise national or regional deciders meetings | | | | | At EU level, VLIR-UOS events (e.g., "community talks"), WPIEs, Steering Group Biodiversity Be, Agriculture group DGD, ... | | |
| 43. Attend/organise side events and CEPA sessions at COPs and other national and international meetings; | | | | | CEBioS will support the National CHM Focal Point as Pilot and co-Pilot at the COP15 in Kunming and at preparatory meetings (SBSSTA etc). A side event will be organised to share the experiences from awareness raising projects undertaken by CEBioS and the partners during 2019 and 2020. | Originally not planned for 2021, but because of covid, resources will be taken if needed in 2021 | See activity 28, 29 and 31 R3.4-30 |
| 44. Promote biodiversity and development with private sector in the South | | | | | -cooperation through UAC with African Parks in Pendjari NP in Benin. - various initiatives with CSB in RDC | 29500 | R4.1-33 |
| 45. Promote biodiversity and related tools in strategic dialogue and learning trajectories | | | | | Through the JSF's for RDC and Burundi, and the starting up of SECORES | 5000 | R4.1-32 |
| 46. Organise training on awareness | | | | | -Training on awareness raising will be given to GTI students while in Belgium. -During the CHM networking meeting a session on awareness raising will be included. -Bukavu workshop *: training on the science-policy interface | | |
| 47. Calls to raise awareness of target groups | | | | | A call for awareness raising projects will be organised as each year | 54500 3000 | R3.4-29 R3.4-31 |
| 48. Calls and surveys to measure change in perception of target groups. | | | | | Not applicable in 2021 : this activity is planned in 2023. | | |
| 49. Organise GTI awareness calls Fr and Engl | | | | | | | |

3- DESCRIPTION OF ANNUAL PLAN 2021 PER COUNTRY

1. Benin

1. Planning for the institutional cooperation with IRHOB on marine modeling

The institutional cooperation with the 'Institut de Recherches Halieutique et de l'Océanologique du Benin' (IRHOB) is mainly based on capacity development in marine modelling for the staff. This is done with COHERENS, an open software developed at RBINS, relating water currents with biodiversity related dynamical processes such as erosion and migration of fish and shrimp larvae.

| Activity/ Sub-activity | 2021 | | | |
|--|------|----|----|----|
| | Q1 | Q2 | Q3 | Q4 |
| Base de données disponible | | | | |
| Spécifier les données nécessaires au projet | x | | | |
| Collecte des données existantes | x | x | x | x |
| Collecte de nouvelles données nécessaires au projet | x | x | x | x |
| Modèle couplé hydrodynamique-particules du système lac Nokoué-océan | | | | |
| Implémentation du modèle COHERENS au système lac Nokoué-océan (personne A) | x | x | x | x |
| Implémentation du module de particules et adaptation aux crevettes (personne B) | | | | |
| Développer un plan de recherche pour l'application du modèle COHERENS hydrodynamique-particules | | | | |
| Modèle du cycle de vie des crevettes d'intérêt commercial au Bénin développé | | | | |
| Développement et implémentation du modèle de cycle de vie des crevettes (personne C) | | x | x | x |
| Développer un plan de recherche pour le développement du modèle de cycle de vie des crevettes | | | x | x |
| Sélectionner personne C sur base d'un stage de maîtrise (incluant une formation) | | | | |
| Des spécialistes formés sur le modèle COHERENS sont disponibles | | | | |
| Formation des spécialistes à l'utilisation de COHERENS | x | x | x | x |
| Transférer les compétences pour former de nouveaux spécialistes | | | | |
| Etat des connaissances sur les différentes espèces de crevettes d'intérêt commercial au Bénin | | | | |
| Collecte de données sur l'habitat des crevettes (zones de ponte, cycle de vie) | x | x | x | x |
| Les acteurs (communes, pêcheurs, communautés locales, ...) sont informés des résultats du projet | | | | |
| Restitution des résultats auprès des acteurs (communes, pêcheurs, communautés locales, ...) | | | | x |
| Organiser des campagnes de sensibilisation auprès des acteurs (communes, pêcheurs, communautés locales, ...) | | | | |
| Réalisation des outils de communication (posters, dépliants, plaquettes, ...) | | | | x |
| Organiser des émissions radiophoniques et de télévision | | | | x |
| Publish in open source scientific journals, conferences, present results to peers. Attend meetings or external trainings | | x | x | |

Summary of Budget for IRHOB, Benin (Euros):

| | |
|--|--------|
| Total operational costs per transversal theme / year | 30,000 |
| Total Investments | 0 |
| Total Operations | 25,000 |
| Total missions | 5,000 |

2. Planning of the institutional cooperation with Université Abomey Calavi

For the log frame, see Annex 4

The cooperation with the 'Laboratoire d'Ecologie Appliquée' (LEA, UAC) continues with focus on the Pendjari National Parc and the Parc National du W (transborder park with Niger and Burkina Faso). UAC is also linked to the 'Université de Parakou', with work on regional mushrooms. Fire management, habitat monitoring and the 'transhumance' are the main themes of this cooperation. An update of the existing Lexicon of the Pendjari is being made.

Summary of Budget for UAC, Benin (Euros):

| | |
|---|---------------|
| Total operational costs per transversal theme / year | 34,000 |
| Total Investments | 0 |
| Total Operations | 29,500 |
| Total missions | 4,500 |

2. Burundi

Planning of the institutional cooperation with the 'Office Burundais pour la Protection de l'Environnement', OBPE

For the log frame, see Annex 6

The cooperation between CEBioS and the OBPE will continue with special attention to the finalisation of the Lexicon on the Rusizi National Park, the sensibilisation of actors, including the agricultural sector linked to Belgian ACNGs to the thematics of biodiversity and the research on value chains linked to e.g. bamboo, rotan, pollinisation, mushrooms, as well as reforestation efforts around water wells in cooperation with Arboretum Rusizi and Join For water. Support for external funding to Lake Tanganyika integrated management will be sought as well and advice is available to the Belgian embassy for EU and Enabel projects for issues relating water management and biodiversity.

Summary of budget for OBPE, Burundi (Euros):

| | |
|--|--------|
| Total operational costs per transversal theme / year | 64,000 |
| Total Investments | 0 |
| Total Operations | 57,500 |
| Total missions | 6,500 |

3. RD Congo

1. Planning of the institutional cooperation with the 'Centre de Surveillance de la Biodiversité', CSB

For the log frame, see Annex 5

The CSB will continue to play its role as secondary CHM for the DRC, implying the regular posting of scanned grey literature present at the Faculty of Science of UNIKIS, as well as field reports and other academic work of the Faculty of Science/CSB to the CHM-website.

It will also continue to act as a focal point for the dissemination of other useful information (calls for proposals, grant opportunities, interesting publications etc.) into its extended network of biologists-, administrations and NGO's in other regions, institutions, universities of the country.

If funding can be secured in a timely way, special attention will be paid to the preparation of a second "International Conference on Biodiversity of the Congo Basin" in 2023.

New opportunities will be worked out for synergies with the Belgian NGOs Bos+ and WWF in the framework of SECORES, the strategic thematic framework on Ecosystem Resilience. Facilitation is provided by CEBioS.

CSB, with CEBioS facilitation, will continue to provide logistical support to multiple projects initiated by UGent (Prof Boeckx) around the Flux tower at Yangambi.

A PNUDD project by Antwerp Zoo Foundation and Juristrale (foresterie Communautaire in Bas-Uele) calls on the monitoring capacities of the CSB. This started in 2020 and will continue in 2021. CEBioS facilitates here also.

The Biodiversa project on zoonoses with the UA and Dr. Erik Verheyen (RBINS and CEBioS) employs the biosecurity unit of the CSB (in Boende, Tshuapa Province and in Aketi, Bas-Uele Province). CEBioS is implied for stakeholder workshops.

The reinforcement of the cooperation with the General Secretariat of the MEDD and its administrations (DDD and ICCN) on for instance the Nagoya Protocol, CITES and the preparations for the International Conference on Biodiversity of the Congo Basin, is considered key by the direction of the CSB and actively stimulated by CEBioS staff.

Part of the 2021 budget is set aside for awareness activities as well as for the continued professional reinforcement of the CSB staff (attending conferences, organising local awareness activities, ...) according to the opportunities that will arise.

The lack of proper financing persisting, the allocated budget includes a contribution to the internet connexion of the centre, and the maintenance of their material assets, though a dedicated team of CSB staff will continue to focus on generating revenues with the centre's assets (renting out of its meeting room, vehicles etc).

Related to the activities envisaged by the CSB, are those budgeted in R1.1-6 of the CEBioS 2021 budget (pilot projects). After training sessions on socio-economic surveys (by IOB Antwerp), habitat monitoring, GIS and data base management, organised at the CSB with the participation of the OBPE (Burundi) and with local experts as trainers in 2019 and 2020, the follow-up of the acquired skills and their application in practise will continue in 2021. A training on remote sensing will be organised in 2021. This will allow to work closer with the newly nominated coordinator for GBIF in the DRC, Prof Corneille Ewango of the Faculty of Science of UNIKIS.

Summary of Budget for CSB, RD Congo (Euros):

| | |
|--|--------|
| Total operational costs per transversal theme / year | 48,000 |
| Total Investments | |
| Total Operations | 41,000 |
| Total missions | 7,000 |

2. Planning of the cooperation with Institut Congolais pour la Conservation de la Nature (ICCN) and universities in RD Congo

There is no specific log frame or dedicated budget table for these activities, as they are spread across several capacity development interventions and several institutions across the DRC. The budget can be found under the related indicators in Table 1 or in annex 3 (general budget).

More specifically, CEBioS activities with ICCN are focused on the monitoring of habitats and the production of tools (lexica) that facilitate the application of scientific knowledge to monitor habitats and ecosystem health

- 1 lexicon for which data are available on the 'Réserve Naturelle de l'Itombwe' is written and will be released in 2022.
- Planned field activities (monitoring, workshops) mostly postponed due to Covid situation.

Research to consolidate the knowledge on habitats and biodiversity and to valorise ecosystem services of the protected areas in DRC:

- a. With the ICCN, UNIGOM, UNIKIS: Ndamiyehe Ncutirakiza Jean-Baptiste (M)
 "Contribution à l'amélioration des prédictions des stocks et flux de biomasse à partir d'une caractérisation tridimensionnelle de la structure des forêts tropicales dans l'écorégion que la Réserve MAB de Yangambi." 1 PhD

- c. With the ICCN, UNILU: Sebagenzi Guy David (M)
 "Effet du nivellement des termitières géantes et de l'épandage de leurs matériaux sur la variabilité spatio-temporelle de la fertilité des Ferrasols - Exploration des liens entre la production de biomasse et la variabilité spatiale des sols à l'aide des caméras multi spectrales (RedEdge Micasense) monté sur le drone" - 1 PhD who will build up on the basis of the capacity acquired with a drone in phase I.
- d. With the ICCN, UNILU: Kasangij A Kasangij Patrick (M)
 "Influence des interactions interspécifiques et des conditions environnementales sur le comportement de construction des termites du genre *Cubitermes* sp dans le Katanga méridional." 1 PhD
- e. With the ICCN, UNILU: Mashagiro Grâce (F)
 "Quantification des services écosystémiques de régulation et de support rendus par les espaces végétalisés urbains de la ville de Lubumbashi (SE de la R.D. Congo)." 1 PhD
- f. With the ICCN, UNILU: Basheke Linda Lydie (F)
 "Décomposition de la litière et dynamique des nutriments dans la forêt claire (Miombo) du Katanga méridional." 1 PhD
- g. With ARES/ UCL-UNIGOM: Rizinde Hakizimana Jean -Claude (M)
 "Diversité taxonomique, écologique et fonctionnelle des champignons comestibles de la Région des Grands Lacs." 1 PhD, building on the ARES project, itself a spin-off of the Belspo financed "Réseau des mycologue de l'Afrique Centrale", itself a spin-off of previous CEBioS projects. In this framework, the habitats of the mycoflora are monitored in the Virunga National Park; which led to begin collecting data that will constitute a lexicon; this activity will continue in 2022.

4. Other countries

The CEBioS interventions focus on Benin, Burundi and RD Congo for most interventions and more specifically on institutional cooperation.

However, sub-programmes involving **open calls** for micro-projects such as the GTI, the CHM, awareness and MRV, target also other eligible countries (list see 5 year programme). Each call focuses on a specific set of countries, depending on the language, the regional aspect or the themes chosen.

Global Taxonomy Initiative (GTI)

Normally, 2 GTI calls for capacity development activities are launched every year: Type 1 and Type 2 call. Due to COVID, the 12 visitors selected among our partner countries in the South for a research visit in Belgium in 2020 could not do their internship and therefore everything was postponed for a year, without launching a new Type 1 call in 2021. Alternatively, a call will be sent out for participation in a workshop on taxonomy, molecular techniques and phylogenetic analyses (DNA barcoding) in September at the Université Mohammed V de Rabat, Morocco.

Furthermore, a new GTI Type 2 call will be launched to select 4 projects of RBINS researchers for *in situ* training, which will be carried out in addition to the 4 projects already selected in 2020 but postponed due to COVID. The eligibility criteria are based on pertinence to development, value chains and sustainable development.

Note that the 2 calls/grants will be renamed in the future: GTI scholarship grant instead of Type 1, and GTI capacity development grant instead of Type 2.

Finally it is expected that the Belgian GTI NFP official website (www.taxonomy.be) will be totally restructured and migrated to a WordPress instance hosted on the server of the RBINS.

Example of workshop call:

http://www.taxonomy.be/gti_calls/grants_seekers/outside_be_thematic_training/appeel-2021

Objectives of workshop Taxonomy & DNA barcoding:

- To strengthen participants' basic knowledge and skills in taxonomy, DNA barcoding and molecular phylogeny, in order to support their research activities in the field of taxonomy and collection management, such as those undertaken in the framework of the GTI internships in Belgium
- Identify specific needs of participants (to plan future workshops)

Example of call GTI Type 2:

http://www.taxonomy.be/gti_calls/grants_seekers/inside_be

Clearing House Mechanism and awareness

Each year, a call for CHM and a call for awareness micro-projects is launched. It targets ministries and their national focal points for CHM, or other CBD related. Mostly this type of calls targets the Sahel countries (Benin, Togo, Niger, Tchad, Ivory Coast, Guinée Conakry etc...), where CEBioS developed a dedicated network during phase I. However, East African countries are possible as well (Kenya, Tanzania, Uganda, Mozambique).

Examples of calls:

CHM

<https://www.biodiv.be/implementation/cooperation/chm-cooperation/calls-reinforcement-websites/calls-reinforcement-websites/current>

Awareness

<https://www.biodiv.be/implementation/cooperation/chm-cooperation/calls-public-awareness-activities/call-2020>

Monitoring-Reporting & Verification (MRV)

The MRV programme runs projects mainly in the DR Congo, Benin, Uganda and some other countries, depending on the submitted proposals (calls launched in 2019, after the formulation and formation workshops). In 2020-2021 the Fr and Eng projects are being executed and followed-up by CEBioS staff content-wise and administration-wise.

Example of call:

<http://www.biodiv.be/cebios2/calls/mrv-calls/2019-appel-atelier-formulation-fr>

4- HUMAN RESOURCES

CEBioS is part of and based at the Royal Belgian Institute of Natural Sciences (RBINS).

All staff at CEBioS is contractual (CDI), except indicated otherwise.

No staff is based in the South, but CEBioS is represented by a local colleague in Benin for activities related to 'Secores' and the Joint Strategic Framework of the Belgian ACNGs in Benin.

The CEBioS staff supported by the programme includes in 2021:

- 1 coordinator, full-time
- 1 secretary, full-time
- 1 financial officer, full-time
- 1 communication and graphic designer officer, full-time
 - o The current staff member has a contract until March 2022
 - o The staff member (permanent position), who was on leave without pay will resume her work in October 2021
- 1 Marine modeller & remote sensing expert, half-time on CEBioS and halftime on CLIMDIS BELSPO project (climate modelling in Vietnam)
- 5 scientific officers, full-time:
 - o 1 on maternity leave for about half of 2021
 - o 2 will retire by the end of 2023 and need to be replaced during the year 2023

Salaries are ventilated according to type of activity across the specific objectives and Results:
summary (Euros)

| Ventilation of salaries 2021 | | | | | | |
|------------------------------|---------------------|---------------------|--------------------|--------------------|---------------------|---------------------|
| | SO1 | SO2 | SO3 | SO4 | Frais de gestion | Totals |
| CB | 180,000.00 € | 60,100.00 € | 27,000.00 € | 59,000.00 € | - € | 326,100.00 € |
| CHM-IT | 4,000.00 € | 55,000.00 € | 8,000.00 € | 4,300.00 € | - € | 71,300.00 € |
| MRV | 41,000.00 € | 26,000.00 € | 6,400.00 € | - € | - € | 73,400.00 € |
| AWAR | - € | 5,000.00 € | 32,000.00 € | 4,300.00 € | - € | 41,300.00 € |
| Totals | 225,000.00 € | 146,100.00 € | 73,400.00 € | 67,600.00 € | 119,291.20 € | 631,391.20 € |

The salary cost for 2021 is estimated at 48% of the total annual budget.

5- THE LOG FRAME OF PHASE II

See annex 1 (at the end of this document) and annex 2, Excel file

6- BUDGET OF YEAR 2021

See Excel file in annex 3, including those of the institutional cooperation.

Summary of general budget planned for 2021 (Euros):

| | |
|--|-----------|
| Total operational costs per transversal theme / year | 1,102,877 |
| Total direct costs per year | 1,226,168 |
| Total Investments (operational costs + management costs) | 0 |
| Total Operations (operational costs + management costs) | 502,777 |
| Total missions (operational costs + management costs) | 92,000 |
| Total Personnel (operational costs + management costs) | 631,391 |
| Structural costs 7% | 85,832 |
| Total Budget 2021 | 1,312,000 |

The budget 2021-2023 has been slightly modified as follows:

The annex 3 (Budget 2021-23) is the **latest budget (see second tab in the file)**, slightly adapted for salaries (current situation, lower salaries due to maternity and sick leaves as well as retirements at the end of 2023 with replacements) and some activities to compensate for lower salaries (mainly related to synergies with ACNGs in joint strategic frameworks). The totals remain unchanged and correspond to the Royal Decrees. The SO1, SO2 and SO3 remain unchanged or were slightly modified at < 15% of original budget.

SO4 was modified at more than 15%:

| Budget post in SO4 | Original/modified | 2021 | 2022 | 2023 |
|--|-------------------|---------|---------|---------|
| Operational costs (total) | Original | 86,100 | 104,700 | 158,583 |
| | Modified | 116,377 | 132,170 | 174,550 |
| R4.1-33 Synergy fund to promote specific synergy projects with civil society and private sector in agriculture and conservation | Original | 9,500 | 9,500 | 9,033 |
| | Modified | 29,500 | 24,500 | 25,000 |
| R4.4-34 increase awareness in North (CEBioS) and South for the partners of the Belgian development cooperation, civil society, often back to back with attending SD-activities | Original | 1,000 | | 1,000 |
| | modified | 6,277 | | 1,000 |
| R4.1-33 Synergy fund to promote specific synergy projects with civil society and private sector in agriculture and conservation | Original | 3,000 | 3,000 | 3,000 |
| | modified | 8,000 | 15,470 | 3,000 |

7- MONITORING & EVALUATION, GENDER

As mentioned by indicators 22 and 23, evaluations of the quality of the provided training and the workshops are assessed after each intervention with a scoring system, off- or online. Tracer and impact studies assessing impacts of the Programme at the level of the target publics will be held from 2022 onwards. Gender proportions is recorded at all interventions and an effort will be made to increase female participation, however please note the extremely low baseline of <10% female presence in different settings and activities in the countries where CEBioS is active.

ANNEXES

Annex 1- (this document)

INTERVENTION LOGIC, MISSION, OBJECTIVES, EXPECTED RESULTS AND THEORY OF CHANGE

Annex 2- (Excel-file)

Logical Framework Phase II- CEBioS Programme

Annex 3- (Excel-file)

Budget Phase II, 2021-2023, adapted

Annex 4- (Excel-file)

Log frame & operational plan UAC (Benin)

Annex 5-(Excel-file)

Log frame & operational plan CSB (RDC)

Annex 6- (word-file)

Log frame & operational plan OBPE (Burundi)

Intervention logic, mission, objectives, expected results and Theory of Change

1- Intervention logic

The log frame (annex 1) for the period 2020-2023 of phase II of the CEBioS programme consists of 4 specific objectives, 4 Results and 40 indicators

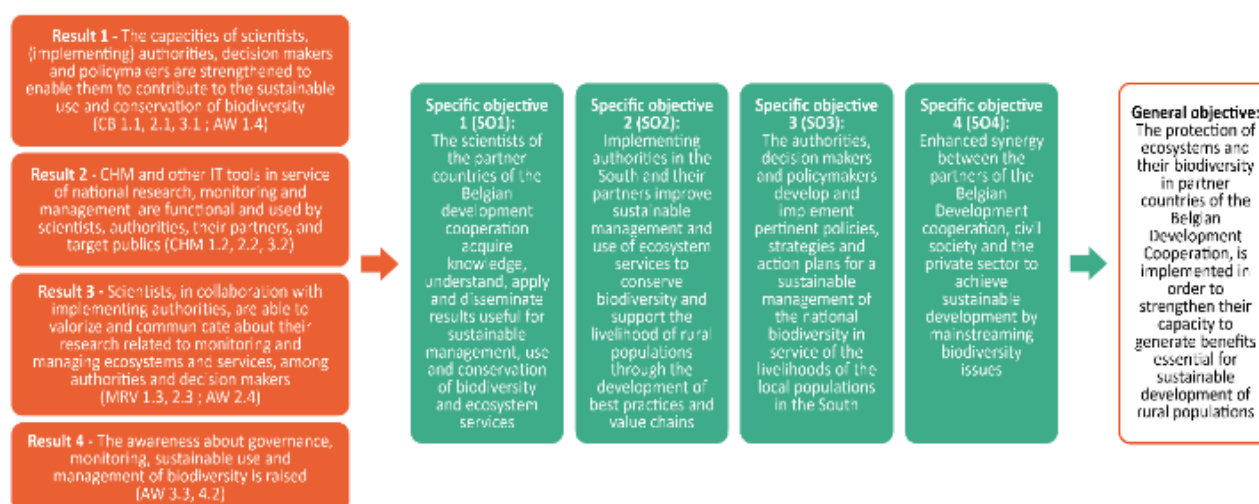


Fig. 1. The log frame of the CEBioS programme, yr 2-5 of phase II.

Mission Phase II

The CEBioS programme contributes to the achievement of the SDGs related to climate change and biodiversity (SDGs 13, 14, 15) by the DGD partner countries, in order to reduce poverty (SDG 1), hunger (SDG 2) and improve good health and well-being (SDG 3).

The CEBioS programme contributes to the achievement of the 2020 (and beyond) strategic plan of the Convention on Biological Diversity (CBD) through the (post)Aichi targets and its related protocols by the DGD partner countries.

**General objective Phase II
(indicators 1-2)**

The protection of ecosystems and their biodiversity in partner countries of the Belgian Development Cooperation, is implemented in order to strengthen their capacity to generate benefits essential for sustainable development of rural populations

Specific objectives

The four specific objectives are:

SO 1: The scientists of the partner countries of the Belgian development cooperation acquire knowledge, understand, apply and disseminate results useful for sustainable management, use and conservation of biodiversity and ecosystem services.

(indicators 3-6)

SO 2: Implementing authorities in the south and their partners improve sustainable management and use of ecosystem services to conserve biodiversity and support the livelihood of rural populations through the development of best practices and value chains.

(indicators 7-10)

SO 3: The authorities, decision makers and policymakers develop and implement pertinent policies, strategies and action plans for a sustainable management of the national biodiversity in service of the livelihoods of the local populations in the South.




(indicators 11-16)

SO 4: Enhanced synergy between the partners of the Belgian Development cooperation, civil society and the private sector to achieve sustainable development by mainstreaming biodiversity issues.

(indicators 17-19)

Expected Results

The following **4 Expected Results** (called ‘**Results**’ in the log frame), support the four specific objectives (SO 1-4) and are primarily related to the CBD Aichi targets 1, 17 and 19. Once the post-2020 global biodiversity framework (postponed because of Covid) will be defined, the next annual programme will be updated accordingly. Meanwhile, we refer to the Aichi targets of the CBD strategy 2010-2020.

| | |
|----------|--|
| 1 | <p>Result 1 - The capacities of scientists, (implementing) authorities, decision makers and policymakers are strengthened to enable them to contribute to the sustainable use and conservation of biodiversity (indicators 20-28)</p> <p>Capacity building is the core of the CEBioS programme, especially under SO1 (for academics) and SO2 (for state implementing partners, agencies), but also under SO3 to inform and train about policies (e.g. Nagoya Protocol) and SO4 where CEBioS plays a role in training civil society actors on biodiversity issues. Capacity building is mainly referred to in Aichi Target 19.</p> |
| 2 | <p>Result 2 - CHM and other IT tools in service of national research, monitoring and management are functional and used by scientists, authorities, their partners, and target publics (indicators 29-34)</p> <p>The CHM is a web-based tool promoted by the UN CBD to meet Aichi Target 19:</p> <div data-bbox="253 852 344 942">  </div> <p>Target 19 By 2020, knowledge, the science base and technologies relating to biodiversity, its values, functioning, status and trends, and the consequences of its loss, are improved, widely shared and transferred, and applied.</p> <p>Support and development of other IT tools, platforms or models to mainstream biodiversity or to harmonise planning and reporting of Aichi targets (and post Aichi after 2020) for CBD and to harmonise with other international conventions, is included in this digital transversal approach and is tailored to fit in with all SOs.</p> |
| 3 | <p>Result 3 - Scientists, in collaboration with implementing authorities, are able to valorise and communicate about their research related to monitoring and managing ecosystems and services, among authorities and decision makers (indicators 35-37)</p> <p>The Measurement-Reporting & Verification (MRV) concept stems from the carbon discussion in the context of climate change. MRV is now also applied in the biodiversity & development nexus, offering a powerful approach to tackle the translation from science to policy to development by valorising scientific data to feed local and national indicators for reporting and verification of biodiversity policies and strategies. MRV facilitates the cooperation between the academic world, the authorities and decision-makers in order to convert academic results into concrete value chain options for livelihoods and tools for the sustainable use and management of the ecosystem services offered by biodiversity. MRV is especially prominent under SO1 and SO2. It mainly contributes to Aichi target 17:</p> <div data-bbox="269 1398 360 1488">  </div> <p>Target 17 By 2015 each Party has developed, adopted as a policy instrument, and has commenced implementing an effective, participatory and updated national biodiversity strategy and action plan.</p> |
| 4 | <p>Result 4 - The awareness about governance, monitoring, sustainable use and management of biodiversity is raised (indicators 38-40)</p> <p>Awareness and communication are key to realise knowledge and technology transfers for capacity building and in the science-policy-development interface and they are an integral part of all SOs. Both topics are prominently present in the COP conferences under the CEPA fairs side events, this to meet with Aichi target 1:</p> <div data-bbox="253 1692 344 1782">  </div> <p>Target 1 By 2020, at the latest, people are aware of the values of biodiversity and the steps they can take to conserve and use it sustainably.</p> |

Description of CEBioS' Theory of Change

In order to understand the theory of change of the CEBioS programme, the specific objectives (SO) and their results are represented in the three spheres of outcome mapping:

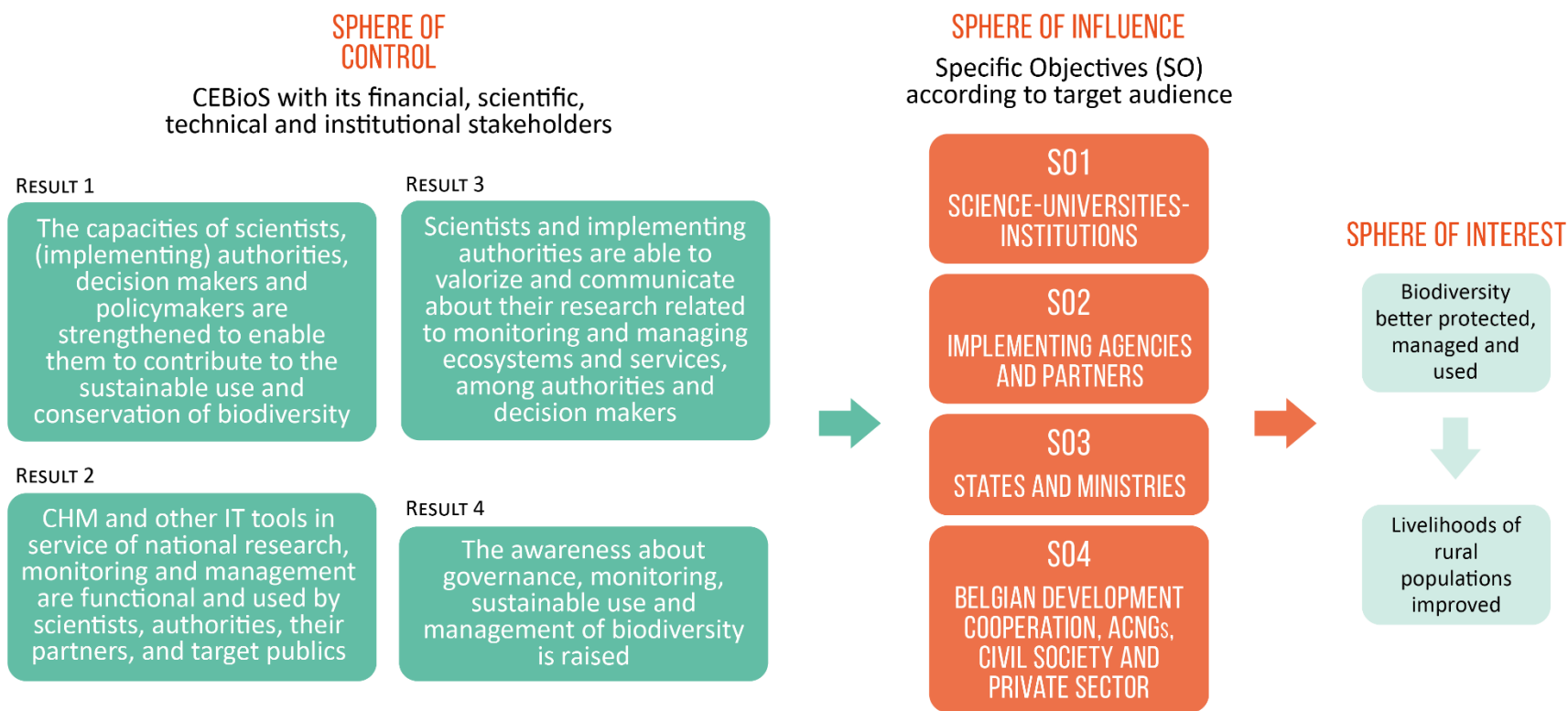


Fig. 2. The 4 Specific Objectives (SO) and the 4 Results of the CEBioS programme, phase II, in a perspective of a theory of change. The green boxes ('Results') are describing the results obtained with our modalities of intervention.