EUROBATS

EUROBATS National Implementation Report MoP9

This questionnaire reflects obligations of the Parties listed in Resolution 8.11 Implementation of the Conservation and Management Plan (2019 - 2022) and other effective Resolutions.

In case of technical issues and questions, please use a support center button in the bottom before contacting the Secretariat.

A. General Information

Name of your country
››› Israel

Period covered by this report
››› 2019-2021

Is your country a party to EUROBATS Agreement?
☑ Yes

Competent authority

Title, address, phone, fax, e-mail and other contact details
››› Dr. Noam Leader
Head of the Ecology Dept., Science Division,
Israel Nature & Parks Authority,
3 Am ve Olamo St, Jerusalem, 95463, Israel
Tel. 02-5005421 Fax 02-5006281
leader@npa.org.il

Personal details of administrative focal point (s)
››› Dr. Simon NEMTZOV, Head of International Relations, Israel Nature and Parks Authority,
email: simon@npa.org.il
Phone: +972585053118

Please give details of designated scientifical focal points
››› Dr. Noam Leader
Head of Ecology Dept., Science Division
Israel Nature & Parks Authority

Compilers and contributors to this report
››› Dr. Simon Nemtzov
Dr. Noam Leader

Bats species which occur in the territory
Please select only species which were recorded from your country

Species: Rousettus aegyptiacus (Geoffroy, 1810)

Status of the species within the territory

Status of occurence

Please give details if the species is not resident. E.g. year of extinction, description of occasional findings etc. Text boxes are expandable.
☑ Resident: breeding

Conservational status

Overall national trend
☑ Positive

Status in the National Red List

Please indicate status of the species in the national red data list or similar document
››› LC

Year of the Red List assesment
››› 2002

Species: Taphozous nudiventris Cretzschmar, 1830

Status of the species within the territory

Status of occurence

Please give details if the species is not resident. E.g. year of extinction, description of occasional findings etc. Text boxes are expandable.

☑ Resident: breeding

Conservational status

Overall national trend
☑ Not studied

Status in the National Red List

Please indicate status of the species in the national red data list or similar document
››› EN

Year of the Red List assesment
››› 2002

Species: Rhinolophus blasii Peters, 1866

Status of the species within the territory

Status of occurence

Please give details if the species is not resident. E.g. year of extinction, description of occasional findings etc. Text boxes are expandable.
☑ Resident: breeding

Conservational status

Overall national trend
☑ Not studied

Status in the National Red List

Please indicate status of the species in the national red data list or similar document
››› EN

Year of the Red List assesment
››› 2002

Species: Rhinolophus euryale Blasius, 1853

Status of the species within the territory

Status of occurence

Please give details if the species is not resident. E.g. year of extinction, description of occasional findings etc. Text boxes are expandable.
☑ Resident: breeding

Conservational status

Overall national trend
☑ Not studied

Status in the National Red List

Please indicate status of the species in the national red data list or similar document
››› CR

Year of the Red List assesment
››› 2002

Species: Rhinolophus ferrumequinum (Schreber, 1774)

Status of the species within the territory

Status of occurence

Please give details if the species is not resident. E.g. year of extinction, description of occasional findings etc. Text boxes are expandable.
☑ Resident: breeding

Conservational status

Overall national trend
☑ Not studied

Status in the National Red List

Please indicate status of the species in the national red data list or similar document
››› EN

Year of the Red List assesment
››› 2002

Species: Rhinolophus hipposideros (Borkhausen, 1797)

Status of the species within the territory

Status of occurence

Please give details if the species is not resident. E.g. year of extinction, description of occasional findings etc. Text boxes are expandable.
☑ Resident: breeding

Conservational status

Overall national trend
☑ Not studied

Status in the National Red List

Please indicate status of the species in the national red data list or similar document
››› VU

Year of the Red List assesment
››› 2002

Species: Rhinolophus mehelyi Matschie, 1901

Status of the species within the territory

Status of occurence

Please give details if the species is not resident. E.g. year of extinction, description of occasional findings etc. Text boxes are expandable.
☑ Extinct

Conservational status

Status in the National Red List

Please indicate status of the species in the national red data list or similar document
››› RE

Year of the Red List assesment
››› 2002

Natura2000 or Emerald reports

Has the national status reported under the Article 17 of the Habitat Directive(2019) or for the Emerald network (non-EU countries) changed since the previous assessment?

☑ No

Species: Eptesicus serotinus (Schreber, 1774)

Status of the species within the territory

Status of occurence

Please give details if the species is not resident. E.g. year of extinction, description of occasional findings etc. Text boxes are expandable.
☑ Resident: breeding

Conservational status

Overall national trend
☑ Not studied

Status in the National Red List

Please indicate status of the species in the national red data list or similar document
››› EN

Year of the Red List assesment
››› 2002

Species: Hypsugo savii (Bonaparte, 1837)

Status of the species within the territory

Status of occurence

Please give details if the species is not resident. E.g. year of extinction, description of occasional findings etc. Text boxes are expandable.
☑ Resident: breeding

Conservational status

Overall national trend
☑ Not studied

Status in the National Red List

Please indicate status of the species in the national red data list or similar document
››› EN

Year of the Red List assesment
››› 2002

Species: Myotis blythii (Tomes, 1857)

Status of the species within the territory

Status of occurence

Please give details if the species is not resident. E.g. year of extinction, description of occasional findings etc. Text boxes are expandable.
☑ Resident: breeding

Conservational status

Overall national trend
☑ Not studied

Status in the National Red List

Please indicate status of the species in the national red data list or similar document
››› CR

Year of the Red List assesment
››› 2002

Species: Myotis capaccinii (Bonaparte, 1837)

Status of the species within the territory

Status of occurence

Please give details if the species is not resident. E.g. year of extinction, description of occasional findings etc. Text boxes are expandable.
☑ Resident: breeding

Conservational status

Overall national trend
☑ Not studied

Status in the National Red List

Please indicate status of the species in the national red data list or similar document
››› VU

Year of the Red List assesment
››› 2002

Species: Myotis emarginatus (Geoffroy, 1806)

Status of the species within the territory

Status of occurence

Please give details if the species is not resident. E.g. year of extinction, description of occasional findings etc. Text boxes are expandable.
☑ Resident: breeding

Conservational status

Overall national trend
☑ Not studied

Status in the National Red List

Please indicate status of the species in the national red data list or similar document
››› CR

Year of the Red List assesment
››› 2002

Species: Myotis myotis (Borkhausen, 1797)

Status of the species within the territory

Status of occurence

Please give details if the species is not resident. E.g. year of extinction, description of occasional findings etc. Text boxes are expandable.
☑ Resident: breeding

Conservational status

Overall national trend
☑ Not studied

Status in the National Red List

Please indicate status of the species in the national red data list or similar document
››› CR

Year of the Red List assesment
››› 2002

Species: Myotis mystacinus (Kuhl, 1817)

Status of the species within the territory

Status of occurence

Please give details if the species is not resident. E.g. year of extinction, description of occasional findings etc. Text

boxes are expandable.
☑ Resident: breeding

Conservational status

Overall national trend
☑ Not studied

Status in the National Red List

Please indicate status of the species in the national red data list or similar document
››› EN

Year of the Red List assesment
››› 2002

Species: Myotis nattereri (Kuhl, 1817)

Status of the species within the territory

Status of occurence

Please give details if the species is not resident. E.g. year of extinction, description of occasional findings etc. Text boxes are expandable.
☑ Resident: breeding

Conservational status

Overall national trend
☑ Not studied

Status in the National Red List

Please indicate status of the species in the national red data list or similar document
››› EN

Year of the Red List assesment
››› 2002

Species: Nyctalus noctula (Schreber, 1774)

Status of the species within the territory

Status of occurence

Please give details if the species is not resident. E.g. year of extinction, description of occasional findings etc. Text boxes are expandable.
☑ Resident: breeding

Conservational status

Overall national trend
☑ Not studied

Status in the National Red List

Please indicate status of the species in the national red data list or similar document
››› EN

Year of the Red List assesment
››› 2002

Species: Otonycteris hemprichii Peters, 1859

Status of the species within the territory

Status of occurence

Please give details if the species is not resident. E.g. year of extinction, description of occasional findings etc. Text boxes are expandable.

☑ Resident: breeding

Conservational status

Overall national trend
☑ Not studied

Status in the National Red List

Please indicate status of the species in the national red data list or similar document
››› VU

Year of the Red List assesment
››› 2002

Species: Pipistrellus kuhlii (Kuhl, 1817)

Status of the species within the territory

Status of occurence

Please give details if the species is not resident. E.g. year of extinction, description of occasional findings etc. Text boxes are expandable.
☑ Resident: breeding

Conservational status

Overall national trend
☑ Not studied

Status in the National Red List

Please indicate status of the species in the national red data list or similar document
››› NT

Year of the Red List assesment
››› 2002

Species: Pipistrellus pipistrellus (Schreber, 1774)

Status of the species within the territory

Status of occurence

Please give details if the species is not resident. E.g. year of extinction, description of occasional findings etc. Text boxes are expandable.
☑ Resident: breeding

Conservational status

Overall national trend
☑ Not studied

Status in the National Red List

Please indicate status of the species in the national red data list or similar document
››› EN

Year of the Red List assesment
››› 2002

Species: Plecotus austriacus (Fischer, 1829)

Status of the species within the territory

Status of occurence

Please give details if the species is not resident. E.g. year of extinction, description of occasional findings etc. Text boxes are expandable.
☑ Resident: breeding

Conservational status

Overall national trend
☑ Not studied

Status in the National Red List

Please indicate status of the species in the national red data list or similar document
››› EN

Year of the Red List assesment
››› 2002

Species: Miniopterus schreibersii (Kuhl, 1817)

Status of the species within the territory

Status of occurence

Please give details if the species is not resident. E.g. year of extinction, description of occasional findings etc. Text boxes are expandable.
☑ Resident: breeding

Conservational status

Overall national trend
☑ Not studied

Status in the National Red List

Please indicate status of the species in the national red data list or similar document
››› EN

Year of the Red List assesment
››› 2002

Species: Tadarida teniotis (Rafinesque, 1814)

Status of the species within the territory

Status of occurence

Please give details if the species is not resident. E.g. year of extinction, description of occasional findings etc. Text boxes are expandable.
☑ Resident: breeding

Conservational status

Overall national trend
☑ Not studied

Status in the National Red List

Please indicate status of the species in the national red data list or similar document
››› NT

Year of the Red List assesment
››› 2002

Natura2000 or Emerald reports

Has the national status reported under the Article 17 of the Habitat Directive(2019) or for the Emerald network (non-EU countries) changed since the previous assessment?

☑ No

1. Legal Requirements

Resolution 4.6. Guidelines for the issue of permits for the capture and study of captured wild bats

Does the system of permits or licenses for the capture of bats exist in your country?
☑ Yes

System of permits or licences for the keeping of bats for educational or animal welfare purposes
☑ In place

System of permits or licences for sampling, ringing, killing of bats for scientific study
☑ Exists

Comments
››› Causing any harm to protected species requires permits by law from INPA. All bats are protected species.

Resolution 6.5. Guidelines on ethics for research and field work practices

National Code of Practice that addresses the context and legitimacy of acquisition, due diligence, long-term care, documentation, relevance and institutional aims
☑ Exists

Please give details or provide links
››› Exists in formal legulatory INPA policy and is evaluated by INPA as part of the permit process.

Please, give details of the legislation which is protecting bats
››› Simon - please add

Which species are not protected and why?
››› All Israeli bat species are protected.

2. Population survey and monitoring

Resolution 2.2. Consistent monitoring methodologies

Implementation of EUROBATS guidelines published in EUROBATS Publication n°5 to ensure consistency and information exchange between Parties and Range States
☑ Yes

Please give details
››› A yearly survey is conducted throughout Israel by INPA.
The survey methodology is based on EUROBATS publication no. 5.

Resolution 5.4. Monitoring bats across Europe

Involvement in a long-term pan-European surveillance to provide trend data
☑ No

Awareness-raising of the importance of underground sites
☑ Yes

Collaboration and information exchange with other Parties and range states on surveillance and monitoring activities
☑ Yes

Please provide details
››› Bat casualties from wind turbines in israel are routinely reported as part of the yearly Wind turbines working group meetings.

Monitoring bats in accordance with EUROBATS Publication n°5
☑ Yes

Capacity building of bat workers and surveyors to support the undertaking of bat surveillance projects
☑ Exists

Other activities under Resolution 5.4.
››› None

Resolution 6.13. Bats as indicators for biodiversity

Does your country support a development of national, regional and pan-European biodiversity indicators for appropriate target audiences, using bat data
☑ Yes

Please provide details
››› Results of bat surveys are reported in INPA biodiversity related publications. Bat survey data is used by the Environmental Protection Ministry for CBD and other biodiversity related reports.

Bat data is incorporated within high profile national multi-taxa indicators
☑ Yes

Body in charge for gathering the data for these indicators
››› INPA

Cooperation platforms that facilitate the required data exchange
☑ Exist

Please specify or give links
››› INPA runs a comprehensive computerized GIS-based biodiversity conservation database, which includes bat data. Data is available for researchers in Israel and abroad upon request.

Other activities carried out under this resolution (optional)
››› None

Resolution 7.7. Bat conservation and sustainable forest management

National guidance has been developed based on the principles in the EUROBATS Bats and Forestry leaflet
☑ No

Examples of best practice for forest management are submitted to the Secretariat
☑ No

If no, provide explanations or give links to available examples
››› Natural forests are rare. Planted forests (mainly pines) are surveyed and to date have low abundance of bats. INPA has started collaboration with the Israel Forestry Service to start monitoring of bat abundance in forests.

Research in forest management that is sustainable for bats (attach file or provide links)
››› In progress.

Other activities carried out under this resolution (optional)
››› None

Resolution 7.10. Bat Rescue and Rehabilitation

Animal rescue and rehabilitation systems are effective in the country
☑ No

Collaboration between bat rehabilitators and scientists
☑ Exists

Provide examples of collaboration
››› The Israel Wildlife Hospital together with INPA treats and rehabilitates insectivorous bats. An NGO (ATALEF) rehabilitates fruit bats. Data from cases is availlable fro researchers.

Bat rehabilitators submit their data to a national database
☑ Yes

Please provide information about this database
››› INPA runs a comprehensive computerized GIS-based biodiversity conservation database, which includes bat data.

Other activities carried out under Resolution 7.10 (optional)
››› A national wildlife hospital is taking care of injured bats.
An NGO fruit bat rehabilitation center is operational.
Based on new Eurobats guidelines (draft) - INPA is attempting to better coordinate rehabilitation work.

Resolution 7.12. Priority species for autecological studies

Priority Species
Rhinolophus blasii Peters, 1866

Some studies have been conducted (are ongoing) for this species in the country
☑ No

The species occures in the country and some studies have been done

Studies on:

	Swarming sites	Winter roosts	Summer roosts	Migration	Spatial and habitat use	Foraging behaviour	Diet
Yes	☐	☐	☐	☐	☐	☐	☐
No	☐	☐	☐	☐	☐	☐	☐

Please add below or attach a list of references
››› None

Priority Species
Eptesicus isabellinus (Temminck, 1840)

Some studies have been conducted (are ongoing) for this species in the country
☑ No

The species occures in the country and some studies have been done

Studies on:

	Swarming sites	Winter roosts	Summer roosts	Migration	Spatial and habitat use	Foraging behaviour	Diet
Yes	☐	☐	☐	☐	☐	☐	☐
No	☐	☐	☐	☐	☐	☐	☐

Please add below or attach a list of references
››› None

Priority Species
Myotis escalerai Cabrera, 1904

Some studies have been conducted (are ongoing) for this species in the country
☑ No

The species occures in the country and some studies have been done

Studies on:

	Swarming sites	Winter roosts	Summer roosts	Migration	Spatial and habitat use	Foraging behaviour	Diet
Yes	☐	☐	☐	☐	☐	☐	☐
No	☐	☐	☐	☐	☐	☐	☐

Please add below or attach a list of references
››› None

Priority Species
Nyctalus azoreum (Thomas, 1901)

Some studies have been conducted (are ongoing) for this species in the country
☑ No

The species occures in the country and some studies have been done

Studies on:

	Swarming sites	Winter roosts	Summer roosts	Migration	Spatial and habitat use	Foraging behaviour	Diet
Yes	☐	☐	☐	☐	☐	☐	☐
No	☐	☐	☐	☐	☐	☐	☐

Please add below or attach a list of references
››› None

Priority Species
Nyctalus lasiopterus (Schreber, 1780)

Some studies have been conducted (are ongoing) for this species in the country
☑ No

The species occures in the country and some studies have been done

Studies on:

	Swarming sites	Winter roosts	Summer roosts	Migration	Spatial and habitat use	Foraging behaviour	Diet
Yes	☐	☐	☐	☐	☐	☐	☐
No	☐	☐	☐	☐	☐	☐	☐

Please add below or attach a list of references
››› None

Priority Species
Pipistrellus hanaki Hulva & Benda, 2004

Some studies have been conducted (are ongoing) for this species in the country
☑ No

The species occures in the country and some studies have been done

Studies on:

	Swarming sites	Winter roosts	Summer roosts	Migration	Spatial and habitat use	Foraging behaviour	Diet
Yes	☐	☐	☐	☐	☐	☐	☐
No	☐	☐	☐	☐	☐	☐	☐

Please add below or attach a list of references
››› None

Priority Species
Pipistrellus maderensis (Dobson, 1878)

Some studies have been conducted (are ongoing) for this species in the country
☑ No

The species occures in the country and some studies have been done

Studies on:

	Swarming sites	Winter roosts	Summer roosts	Migration	Spatial and habitat use	Foraging behaviour	Diet
Yes	☐	☐	☐	☐	☐	☐	☐
No	☐	☐	☐	☐	☐	☐	☐

Please add below or attach a list of references
››› None

Priority Species
Plecotus kolombatovici Dulic, 1980

Some studies have been conducted (are ongoing) for this species in the country
☑ No

The species occures in the country and some studies have been done

Studies on:

	Swarming sites	Winter roosts	Summer roosts	Migration	Spatial and habitat use	Foraging behaviour	Diet
Yes	☐	☐	☐	☐	☐	☐	☐
No	☐	☐	☐	☐	☐	☐	☐

Please add below or attach a list of references
››› None

Priority Species
Plecotus sardus Mucedda, Kiefer, Pidinchedda & Veith, 2002

Some studies have been conducted (are ongoing) for this species in the country
☑ No

The species occures in the country and some studies have been done

Studies on:

	Swarming sites	Winter roosts	Summer roosts	Migration	Spatial and habitat use	Foraging behaviour	Diet
Yes	☐	☐	☐	☐	☐	☐	☐
No	☐	☐	☐	☐	☐	☐	☐

Please add below or attach a list of references
››› None

Priority Species
Plecotus teneriffae Barrett-Hamilton, 1907

Some studies have been conducted (are ongoing) for this species in the country
☑ No

The species occures in the country and some studies have been done

Studies on:

	Swarming sites	Winter roosts	Summer roosts	Migration	Spatial and habitat use	Foraging behaviour	Diet

Yes	☐	☐	☐	☐	☐	☐	☐
No	☐	☐	☐	☐	☐	☐	☐

Please add below or attach a list of references
››› None

Other activities carried out under Resolution 7.12 (optional)
››› None

Resolution 8.3. Monitoring of daily and seasonal movements of bats

Studies on daily/seasonal movements

References

Provide references to completed or ongoing studies on daily/seasonal movements of bats in your country in the text field below or attach a file
››› None

Resolution 8.4 Wind Turbines and Bat Populations

Raising awareness on the impact of turbines on bats and the existence of some unsuitable habitats or sites for construction
☑ Yes

If yes, how?
››› The Israeli National Planning Commission has formally adopted a comprehensive methodology for minimizing risk to both bats and birds, as part of a master plan for energy infrastructure (TAMA 41). Suggested by INPA together with the Environmental ministry, the methodology includes sensitivity mapping, proper survey techniques and methodology, mortality thresholds, collision-risk modelling (for birds), requirements for an annual take permit by the INPA, post-construction surveys and commitment for increased monitoring and active measures if mortality thresholds are exceeded. The 2014 EUROBATS Guidelines for wind turbines were translated to Hebrew and have been greatly implemented for both the planning and operational stages.

Are impact assessment procedures and post-construction monitoring undertaken by appropriately experienced experts?
☑ Yes

Please, give details
››› Basedn on guidelines, impact asesments are conducted by trained bat specialists. asessments are reviewed by INPA.
Post-construction monitoring is done based on INPA guidelines and is reviewed by INPA.

National guidelines have been developed following Eurobats Pub. No. 6
☑ Yes

Please, attach a file or or provide a link
››› Docunents attached are in Hebrew

You have attached the following documents to this answer.

Carcass_surveys_guidelines.pdf - Carcass surveys guidelines. INPA (in Hebrew)
Bat_wind_turbine_risk_assessment_guidelines.pdf - Bat wind turbines risk assessment guidelines. INPA (in Hebrew))

National guidelines are implemented
☑ Yes

Please, provide implementation details
››› The Israeli National Planning Commission has formally adopted a comprehensive methodology for minimizing risk to both bats and birds, as part of a master plan for energy infrastructure (TAMA 41). Suggested by INPA together with the Environmental ministry, the methodology includes sensitivity

mapping, proper survey techniques and methodology, mortality thresholds, collision-risk modelling (for birds), requirements for an annual take permit by the INPA, post-construction surveys and commitment for increased monitoring and active measures if mortality thresholds are exceeded. The 2014 EUROBATS Guidelines for wind turbines were translated to Hebrew and have been greatly implemented for both the planning and operational stages.

Investigations and research for mitigating bat mortality have been undertaken
☑ Yes

Please, list references, attach reports and articles
››› In early progress

Post-construction monitoring, if possible, is undertaken by suitably experienced bat experts

If yes, give details
☑ Yes

››› Monitoring is based on INPA guidlines using dogs.

Developers of wind energy projects and responsible authorities make raw data from impact assessment and post-construction monitoring available for independent analysis.
☑ Yes

Please, list references, attach reports and articles

You have attached the following documents to this answer.

sirin-gilboa_wind_turbines_mortality_birds_bats_2020-2021.pdf - Sirin-gilboa wind turbines mortality birds bats 2020-2021. INPA (in Hebrew).

Measures such as blade feathering, higher turbine cut-in wind speeds and shutting down turbines are implemented
☑ No

Other activities carried out under Resolution 7.5 (optional)
››› None

Resolution 8.10 Recommended Experience and Skills of Experts with regard to Quality of Assessments

Compliance with Annex to Resolution 8.10

Experts/groups of experts carrying out assessment of projects, plans and programmes on populations of European bats meet the minimum standard of skills, knowledge and experience as described in the Annex to Resolution 8.10
☑ Yes, completely or partially

If yes

Please provide details
››› INPA guidelines require assessments being carried out by experienced bat researchers usng adequate methodology. INPA Science division scientists reviewsall bat asessments and data for devlopment projects and providesindependent assessments.

3. Roosts

Resolution 4.5. Guidelines for the use of remedial timber treatment

Small projects to provide basic data to allow an assessment of the potential impact of industry on bat populations
☑ No

Raising awareness of product users is taking place
☑ No

Legislation on products which have any adverse effects on bats
☑ Doesn't exist

Comments (optional)
››› Timber is a neglible issue in Israel.

Resolution 5.7. Guidelines for the protection of overground roosts, with particular reference to roosts in buildings of cultural heritage importance

List of national important overground roosts (including legal/physical protection status)
☑ Exists

Please, give details or links
››› All national important overground roosts are monitored yearly. The list is to be published in a new INPA publication by 2023.

National guidelines for custodians of historical buildings on the protection of bat roosts have been developed
☑ No

Summary report on interactions between the relevant cultural and natural heritage agencies (attach a file or provide a description)
››› Not investigated

Other activities carried out under this resolution (optional)
››› None

Resolution 7.6. Guidelines for the protection and management of important underground habitats for bats

List of important underground sites for bats and measures of their protection (including Natura 2000, Emerald or other status) was submitted to EUROBATS
☑ No

Updated counts of bats at each listed site are submitted to the Secretariat
☑ No

Management of important underground sites for bats is in accordance with EUROBATS Publication n°2
☑ Yes

Other relevant activities for the protection of underground habitats
››› INPA will submit a list of important underground sites for bats by 2023

Resolution 8.5. Conservation and Management of Important Overground Sites for Bats

Most important overground roosts are identified at the national level considering the guidance on site selection developed by the Advisory Committee and using the national databases.

If yes, please give details
››› All national important overground roosts are monitored yearly. The list is to be published in a new INPA publication by 2023.

Resolution 8.9. Bats, Insulation and Lining Materials

Are bats included in the impact assessment of insulation programs at a strategic level?

If yes, please give details
››› No. This is a negligable issue due to building technology in Israel

Are any actions undertaken to ensure that insulation projects comply with national legislation regarding bat protection and conservation by implementing appropriate pre-insulation survey and assessment, mitigation and compensation to avoid roost loss and bat mortality?

Please provide information concerning such actions and attach files, if required
››› No

Resolution 8.12. Purpose-built Man-made Roosts

Examples provided by the review document included as Annex 1 to Resolution 8.12 are considered whenever new roosting structures are planned or existing structures are renovated for bats

Please give details, if it is the case
››› No new structures are planned.

Are existing purpose-built Bat Roosts monitored and further studies on their effectiveness promoted?

If yes, please give details
››› Old army bunkers and old buildings are monitored yearly. Modifications are reviewed and mantenance is implemented.

4. Habitats

Click "expand" to see the questions!

Resolution 7.8. Conservation and management of critical feeding areas, core areas around colonies and commuting routes

Are national guidelines which are based on the general guidance given in EUROBATS Publication No. 9 are developed and published? Please provide details or add a file.
››› Specific guidance is implemented as part of INPA general conservation management plans for all nature reserves and sensitive ecosystems

Other activities carried out under this resolution (optional)
››› None

Resolution 7.9. Impact of roads and other traffic infrastructures on bats

Bats are taken into account during the planning, construction and operation of roads and other infrastructure projects
☑ Yes

Please give details or attach a file with description
››› Inplemented in all road lighting projects

Pre-construction strategic and environmental impacts assessment procedures are mandatory
☑ Are mandatory

Post-construction monitoring
☑ Isn't required

Raw data from environmental impact assessment and post-construction monitoring is available for independent scientific analysis
☑ Yes

Please list references and attach reports and articles
››› Data is available from INPA biodiversity datatabase.

Research into the impact of new and, where appropriate, existing roads and other infrastructure on bats and into the effectiveness of mitigation measures
☑ Yes

Other activities carried out under Resolution 7.9 (optional)
››› None

Resolution 8.6. Bats and Light Pollution

Is national guidance taking due account of the EUROBATS Publication Series No. 8 on Bats and Light Pollution developed and promoted? If yes, please give details or attach a file.
››› Yes. Numerous publications including:
Ecological Code for environmentally-friendly lighting - planner guide. 2022. INPA, Ministry of Environment and SPNI (in Hebrew).

You have attached the following Web links/URLs to this answer.

http://
http://
Ecological Code for environmentally-friendly lighting - planner guide. - Ecological Code for environmentally-friendly lighting - planner guide. 2022. INPA, Ministry of Environment and SPNI (in Hebrew).
http://

5. Promoting Public Awareness of Bats and their Conservation and Providing Advice

Click "expand" to see the questions!

International Bat Night. Give details for each year: number of events and number of people participated
››› No events in last three years dur to Covid restrictions

Details of other important activities which are worth to mention (educational centres, etc.)
››› None

Information on training and awareness raising for forest managers and workers, farmers, road workers, stakeholders involved in insulation of buildings, etc.
››› None

Resolution 4.11. Recognising the important role of NGOs in bat conservation

Details of NGOs participating in /contributing to bat protection and most valuable activities that have the potential to substantially improve transboundary cooperation and mutual assistance
››› Mammal Center- SPNI (Society for the protection of nature in Israel) participates in yearly national bat monitoring survey.

Resolution 8.13. Insect Decline as a Threat to Bat Populations in Europe

Awareness of the multiple ecological services provided by bats, especially for the agricultural sector and regarding the concerns about the published evidence of dramatic loss of insect biomass in open land is raised with land managers and other stakeholders.

Please, give details
››› This topic has just started to be researched by Academia in Israel.

6. Insect declines

Resolution 8.13. Insect Decline as a Threat to Bat Populations in Europe

Activities to encourage and support scientific research on the impact of the insect decline on bat populations

Please give details of such activities.
››› Yet to be implemented

Requirements to ensure that bats are being considered in pesticide risk assessments

Please describe these requirements, in case they exist
››› As part of wildlife law regulations

Describe measures to avoid the use of pesticides, particularly those problematic for bats and their food resources, in and around important areas for bat conservation

Please give details in case such measures have taken place
››› Any activity endangering known bat underground shelters is prohibited without permit from INPA.

7. International co-operation

Implementation of Resolutions 7.10, 7.12, 8.3, 8.7

Please give information on the international cooperation with the aim of implementing the recommendations of Resolutions 7.10, 7.12, 8.3, 8.7.
››› None

8. Diseases

Click "expand" to see the questions!

Resolution 5.2.Bat rabies in Europe

National bat rabies surveillance network
☑ No

Vaccination of risk groups against rabies is compulsory
☑ Yes

Details of the institution(s) in charge of recording of all test results and their submission to the World Health Organisation
››› Veterinary Services and Animal Health, Ministry of Agriculture and Rural Development

Other activities carried out under this resolution (optional)
››› None

Resolution 6.6. Guidelines for the prevention, detection and control of lethal fungal infections in bats

Surveillance for the presence of fungal infections
☑ No

9. EUROBATS Projects Initiative (EPI)

Donations to Eurobats Project Initiative

Has your country provided funding to EPI? Please give details below.
››› no

10. Climate change

Resolution 8.7. Bats and Climate Change

Resolution 8.7 Bats and Climate Change

Please provide details on changes in species migration, hibernation, reproductive and range shift patterns and consequent species interactions, if those changes have been studied in your country. Add files if required
››› No data is available

11. Further important activities to share with other Parties and Range States

Give details or provide links
››› Nothing to report

C. Confirmation

Confirmation of information verification and approval for submission

Please confirm:

In addition a scanned copy of an official letter from the relevant state institution, approving the report for submission, can be attached.

☑ I declare that the information provided in the Report on the implementation of EUROBATS has been verified and the report has been approved for submission by the appropriate state institution in the country.

Date of submission

Fill as follows: dd.mm.yyyy
››› 12.7.2022