SBIF Value Model

High-value insights obtained from data analytics

DATA USER COMMUNITY

Insights and innovation

Added-value gained from enhancement and re-use of data and data products
Data users can access raw, summary and enhanced data
Education, science and innovation underpinned
Sensitive Data and Open Data principles apply
Biological data act as a national asset
Empowerment of civil society
Identification of data gaps
Avoid duplication of EIAs

Multi-disciplinary discovery and use of data adds value

Data visualisation showcases data and gives new insights

Data developers innovate and create bespoke products

Agile development
Backend cost savings and economies of scale
Resilient and sustainable teams and technology
Access to professional IT, HR and financial management services

VALUE-ADDED SERVICES COMMUNITY

Decision support

Strategic and statutory needs fulfilled

Services to Local & National Government

Services to Academia & Education

Services to private sector companies and individuals

Services to conservation NGOs

Accessible hub for open biological data

Data User and Data Provider support services

User interface tools and services

Data verification tools and services

Data mgmt and data hosting services

Backend admin, HR and IT services

Data and systems managed in perpetuity

Technical expertise

TECHNICAL SERVICES COMMUNITY

Data analytics
Land/estate management
INNS Reporting
Site Designation
Biodiversity duty
Planning process
SRDP Monitoring
Land Use Strategy
Public engagement
RAFE decision support
Data repository service
National evidence base
Strategic Planning/SEAs
Site Condition Monitoring
Land/estate management
Favourable condition status
National Ecological Network

Long term datasets
Species expertise
Original data
Case studies
Training

EIA data portal
Windfarm monitoring
Land/estate management

Conservation action planning and reporting
Conservation targeting
Land/estate management

Data Providers provide raw and summary data

Recording Scheme Operators manage recorders and data

Individuals, Projects and Recording Groups submit data

Taxonomic expertise

Next generation of recorders brought through
Effective data flows, real-time, high quality data
Capacity building for expert verifiers and recorders
Capacity building for scheme operators and recording groups
Recognition for recording, verification and scheme operation

Individual recorders collect data

Effective use of public, private and third sector funds
Support for strategic decision making and reporting
Efficiencies and consistencies in services across Scotland

BIOLOGICAL RECORDING COMMUNITY

Recorders are encouraged and data flows work

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