An important contribution of the JRC Biomass Mandate has been to create a knowledge base, and to harmonise data where it made sense and where possible. In the last Science to Policy summary for policymakers, we summarise this knowledge base Table 1:

Table 1. JRC harmonised data dissemination.

Topic	Native distribution	JRC data portal	Knowledge Centre for Bioeconomy
All biomass in dry units	*Technical report* on methods Data-Modelling platform of resource economics *biomass flows*	*JRC Data catalogue*	*Infographics* Translated to indicator: *Bioeconomy Monitoring system – Total biomass for food purposes, including feed* Translated to indicator: *Bioeconomy Monitoring system – Biomass directly consumed by EU citizens as food* Translated to indicator: *Bioeconomy Monitoring system – Biomass production in EU from primary production systems (agriculture, forests, fisheries)* Translated to indicator: *Bioeconomy Monitoring system – Total biomass consumed for materials* Translated to indicator: *Bioeconomy Monitoring system – Total biomass consumed for energy* Translated to indicator: *Bioeconomy Monitoring system – Share of biomass used by primary sector*
Algae			*Algae production industry* pages *The bioeconomy in different countries* dashboards
Agriculture	*Technical report* on methods Data-Modelling platform of resource economics *biomass flows*	*JRC Data catalogue*	
Fisheries	*STECF website*		Translated to indicator: *Bioeconomy Monitoring system – Fishing mortality of commercially exploited fish and shellfish exceeding fishing mortality at maximum sustainable yield* Translated to indicator: Bioeconomy Monitoring system – Fish stock biomass in NE Atlantic & Mediterranean, *https://knowledge4policy. ec.europa.eu/visualisation/eu-bioecono- my-monitoring-system-dashboards_en?indi- catorId=2.1.b.11&unit=biomass*

Forestry			
Reference database of forest biomass statistics at sub-national scale statistics for biomass stock, FAWS, BAWS, GAI and NAI	*Technical report* on methods to derive forest biomass *Science for Policy report* on The use of woody biomass for energy production	Forest biomass *-metadata* *-map* Net Annual Increment, Gross Annual Increment, Forest Available for Wood Supply, Biomass Available for Wood Supply *-metadata* *-maps*	Translated to indicator: *Bioeconomy Monitoring system - Ratio of annual fellings (m3/ha/year) to net annual increment (m3/ha/year)* Translated to indicator: *Bioeconomy Monitoring system – Roundwood removals*
Wood Resource Balance	*Technical report* on methods		Translated to indicator: *Bioeconomy Monitoring system -share of woody biomass used for energy* Country reports: *https://knowledge4policy.ec.europa.eu/publication/wood-resource-balances_en* Interactive web-based diagrams: *https://knowledge4policy.ec.europa.eu/visualisation/bioeconomy-different-countries_en#wrb*
Woody Biomass Flows	*Technical report* on methods		Translated to indicator: *Bioeconomy Monitoring system - cascading factor of wood resources* Country reports: *https://knowledge4policy.ec.europa.eu/publication/forestry-sankey_en* Interactive web-based diagrams: *https://knowledge4policy.ec.europa.eu/visualisation/interactive-sankey-diagrams-woody-bio-mass-flows-eu-member-states_en*
Waste	*Technical report* on methods to derive food waste		Translated to indicator: *Bioeconomy Monitoring system - biowaste generated by source* Translated to indicator: *Bioeconomy Monitoring system - biowaste recovered by source* Translated to indicator: *Bioeconomy Monitoring system - food waste along the supply chain* Translated to indicator: *Bioeconomy Monitoring system - food waste by food category*
Trade	*Software repository* and associated *Peer review paper* on trade data package		Translated to indicator: *Bioeconomy Monitoring system - Economic impact of trade in exporting countries (to EU)* Coming soon: Environmental impact of trade in exporting countries (to EU)

Source: JRC, own elaboration.