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SURVEY ON RESEARCH AND DEVELOPMENT (R&D) 2021

- Please note: Your enterprise **is obliged to provide information** by duty of Federal Statistics Act 2000, Federal Law Gazette I 163/1999, as amended by the Federal Law Gazette I No 205/2021 and the R&D statistics regulation Federal Law Gazette II No. 396/2003, as amended by the regulation Federal Law Gazette II No. 150/2008.
- The information disclosed will be handled in strictest confidentiality and is used exclusively for purposes laid down in the Federal Statistics Act in a way that excludes any conclusions can be drawn about your enterprise.
- Please make sure that all information given refers only to the enterprise specified on the address label. Please include the main place of business and all branches of the enterprise in Austria. Do NOT include affiliates abroad which are established on a permanent basis and for which a separate balance sheet or a similar documentation is available.
- **The period under review is the calendar year 2021.** If the financial year differs from the calendar year the period under review is the last financial year completed before 31 December 2021. If the financial year is a truncated year, please report for that particular period and indicate the duration of that period here:

Truncated year (less than 12 months)

from

--	--	--	--	--	--	--	--

to

--	--	--	--	--	--	--	--

- **Please complete the first page in any case even if your enterprise does not carry out any R&D activities.**

i Definition of RESEARCH AND DEVELOPMENT: R&D comprises creative work undertaken on a systematic basis in order to increase the stock of knowledge, including knowledge of humankind, culture and society, and the use of this stock of knowledge to devise new applications. (Frascati Manual 2015 of the OECD).

1 INTRAMURAL R&D: Did your enterprise in the year 2021 perform research and development (R&D) within your enterprise?

Yes

No

→ If "not", please answer question 6 ("extramural R&D expenditures") on page 4!

i Intramural R&D comprises both R&D carried out by the enterprise for its own purpose and R&D carried out by the enterprise on behalf of customers.

Person completing the form:

Name _____ Phone _____

Function in the enterprise _____

E-mail _____

I agree that Statistics Austria stores my contact details for the next R&D survey. Yes No

2 INTRAMURAL R&D EXPENDITURES 2021

i Expenditures on R&D activities within your enterprise, regardless of who provides the funding; i.e including R&D carried out on behalf of third parties and government-funded R&D. Only expenditures actually incurred are to be included, excluding value added tax (VAT). Do not include any depreciation costs and do not offset any revenues from the results of R&D. Expenditures for outsourced R&D ("extramural R&D"), not carried out in-house, but by third parties, must not be reported here, but in question 6 (page 4), "extramural R&D expenditures".

Current expenditures for R&D

(in 1 000 EUR)

Wages and salaries for R&D personnel

i Gross wages and gross salaries for R&D including statutory social contributions and other social expenditure of the employer, including voluntary social benefits.

For wages and salaries of employees who devoted only part of their working time to R&D, please include R&D share only. COVID-19 short-time allowances are to be excluded.

Other current expenditures on R&D

- i**
- total current expenditures on R&D (e.g. materials, consumer goods, energy, rents, external services with the exception of R&D, low-value assets up to the value of € 800.- per item).
 - indirect costs for R&D on a pro rata basis (e.g. administration, insurances, taxes, cleaning, servicing etc.)
 - expenditures for "external personnel", who are not employed in the enterprise and fully integrated into the R&D enterprises's, such as self-employed consultants or professionals employed by another enterprise or a temporary work agency.

Please do not include: Value-added tax (VAT), financing costs, depreciation costs and extramural expenditures on R&D (question 6, see page 4).

Capital expenditures on R&D

(Investments in the year 2021 for R&D, also partially. Low-value assets up to a value of € 800 per item are to be excluded. Do not include depreciation costs!)

Expenditures on buildings and lands

- i** Purchase of real estate, new buildings, extensions, value-increasing repairs etc.

Expenditures on instruments and equipment

- i** Machinery, equipment, vehicles, installations, software, purchased intellectual property (e.g. patents)

TOTAL INTRAMURAL R&D EXPENDITURES 2021

3 INTRAMURAL EXPENDITURES ON R&D 2021 BY TYPE OF RESEARCH

(Please allocate your R&D expenditures in those category or categories to which your R&D activities apply!)

i Original investigative work aimed at increasing the level of knowledge, without any orientation towards a specific practical objective.

Basic research

 %

i Original investigative work aimed at increasing the level of knowledge, yet with an orientation towards a specific practical objective.

Applied research

 %

i Systematic activities drawing on knowledge gained from research and practical experience and producing additional knowledge, which is directed to producing new products or processes or to improving existing products or processes.

Experimental development

 %

100 %

4 INTRAMURAL R&D EXPENDITURES 2021 BY SOCIO-ECONOMIC OBJECTIVES

Please allocate your R&D expenditures to those socio-economic objectives for which research and experimental development was carried out. If research projects with different socio-economic objectives were carried out, please estimate the shares (as %) of R&D expenditures for each of these objectives.

- a. Promotion of exploration and exploitation of earth, oceans and atmosphere** %
i This objective includes the general exploration of the earth and its atmosphere (earth crust, earth mantle, seas, oceans, atmosphere), including R&D for their exploitation, as well as meteorological, hydrological and climate research.
- b. Promotion of exploration of space** %
i This objective includes civil (non-military) R&D projects for the scientific exploration of space and space travel (space vehicles, spacecraft, space stations).
- c. Promotion of agriculture and forestry** %
i This objective includes R&D projects for the development of agriculture, forestry, fishing and hunting.
- d. Promotion of trade, business and industry** %
i This objective includes R&D projects carried out primarily for the development and improvement of products, production and distribution processes as well as R&D in construction, banking and insurance and the re-use and recycling of waste materials.
- e. Promotion of energy production, storage and distribution** %
i This objective includes R&D projects for the production, conversion, storage, distribution and rational use of all forms of energy.
- f. Promotion of transport, traffic and communication** %
i This objective includes R&D projects for the development of new or improved transport systems, for improvement of traffic systems and the technical advancement of communications (telecommunications).
- g. Promotion of education** %
i This objective includes R&D projects for the development, renewal and modernisation of educational systems and methods at all levels, including adult education.
- h. Promotion of health** %
i This objective includes R&D projects for the promotion, the protection and restoration of human health. This objective is also served by R&D projects in the field of food hygiene, dietetics, occupational medicine and pharmacy.
- i. Promotion of public administration, legislation and jurisdiction, economic policy, social development and international relations** %
i This objective includes R&D projects which primarily serve the promotion of social and socio-economic development, particularly with respect to public administration, economic and social policies.
- j. Promotion of culture, religion, sport, recreation and communication** %
i This objective includes R&D projects which primarily serve the promotion of social and socio-economic development, particularly with respect to communication and culture, such as the promotion of mass media.
- k. Promotion of environmental protection** %
i This objective includes R&D projects which concern the pollution of air, water, soil, their causes, dispersal and effects on humans and environment, or serve the prevention and elimination of all forms of environmental pollution, including noise.
- l. Promotion of urban and rural planning** %
i This objective includes R&D projects for the improvement of the urban and rural environment and their planned adaption to humans.
- m. Promotion of defence** %
i This objective includes R&D projects for military and civil defence.
- n. Promotion of the general advancement of knowledge** %
i This objective includes R&D projects which serve the general advancement of knowledge and cannot be assigned to any other objectives listed here.

100 %

5 FINANCING OF INTRAMURAL R&D EXPENDITURES IN 2021

(in 1 000 EUR)
(a - h)

TOTAL INTRAMURAL EXPENDITURES ON R&D (=SUM TOTAL FROM QUESTION 2)

financed from:

a. the enterprise's own funds

(including loans and credits, also subsidised loans, e.g. from FFG¹)

Financing that does not include loans or credits:

b. Funding from other domestic enterprises

Funds from domestic enterprises of the same enterprise group

Funds from other domestic enterprises

c. Funding from the public sector

Federal government (without "research premium")

Research premium (§ 108c EStG 1988)

Regional governments (including Vienna), regional funds

Local governments (excluding Vienna)

Grants of the Research Promotion Fund (FFG¹)

Others (please report the financing bodies here):

d. Funding from higher education sector

of institutions or individuals of universities, Fachhochschulen

e. Funding from private non-profit institutions

which are not primarily serving enterprises, as well as private households

f. Funding from the European Union (EU)

g. Funding from international organisations

e.g. FAO, ESA, OECD, also those with headquarter in Austria, e.g. IAEA, UNIDO

h. Other funding from abroad

Funding from foreign enterprises of the same enterprise group

Funding from other foreign enterprises

Other funding from abroad

6 EXTRAMURAL R&D EXPENDITURES 2021

Did your enterprise in the year 2021 purchase R&D from third parties outside the enterprise?

Yes No

If „no“, please go to question 7! If you had neither intramural nor extramural R&D, end of survey.

R&D purchases from domestic institutions (excl. VAT)

(in 1 000 EUR)

R&D purchases from foreign institutions (excl. VAT)

(in 1 000 EUR)

Domestic enterprises of the same enterprise group

Foreign affiliates

Other domestic enterprises

Other foreign enterprises of the same enterprise group

Universities and "Fachhochschulen" (technical colleges) or individuals belonging to them.....

Other foreign enterprises

Other public institutes (excluding universities and "Fachhochschulen")

Foreign public institutions

Private non-profit institutions

International organisations

Co-operative R&D institutes

Others

7 R&D PERSONNEL 2021

i These all persons who were in 2021 involved in the enterprise's R&D and spent at least 100 working hours on R&D: owners, shareholders and employees ("internal personnel") as well as persons without employment relationship with the enterprise ("external personnel"), that were directly involved in the enterprise's R&D, such as self-employed consultants or professionals with employment from another enterprise or a temporary work agency.

1.0 full-time equivalent (FTE) for R&D is equivalent to one person who worked a year and full-time in the enterprise's R&D.

Occupation	Highest completed level of education	Number of headcounts in R&D 2021		Full-time equivalents for R&D in 2021 (rounded to one digit)	
		male	female	male	female
Researchers i Persons (incl. management of R&D administration) who design or create new knowledge, products, processes and systems.	University: PhD (after completion of a Master study at a university)	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Master study at a university, technical college ("Fachhochschule") etc., e.g. Master, Mag., Dipl.-Ing., Dkfm., Dr. med. etc.)	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Undergraduate studies (Bachelor study) at a university, technical college ("Fachhochschule") etc. or short study	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Post-secondary colleges (entry requirement: Matura or equivalent qualification), e.g. academy for social work, school for higher medical-technical service	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Master's examination or trade master's training	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	School-leaving examination in a higher technical or vocational college (e.g. HTL, HAK, HBLA, college etc.)..	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	School-leaving examination in an academic secondary school (Matura of AHS), completion of an intermediate school, apprenticeship	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Other education or training	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Total researchers		(a)	(a)	(a)	(a)
Technicians and equivalent staff i Persons (technicians, laboratory staff, technical draughtspesons etc.) who carry out technical work in connection with R&D.	University: PhD (after completion of a Master study at a university)	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Master study at a university, technical college ("Fachhochschule") etc., e.g. Master, Mag., Dipl.-Ing., Dkfm., Dr. med. etc.)	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Undergraduate studies (Bachelor study) at a university, technical college ("Fachhochschule") etc. or short study	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Post-secondary colleges (entry requirement: Matura or equivalent qualification), e.g. academy for social work, school for higher medical-technical service	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Master's examination or trade master's training	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	School-leaving examination in a higher technical or vocational college (e.g. HTL, HAK, HBLA, college etc.)..	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	School-leaving examination in an academic secondary school (Matura of AHS), completion of an intermediate school, apprenticeship	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Other education or training	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Total technicians		(b)	(b)	(b)	(b)
Other support staff		<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
i Skilled, unskilled and semi-skilled workers, clerical and other administrative personnel working directly for R&D.		(a+b+c)	(a+b+c)	(a+b+c)	(a+b+c)
TOTAL R&D PERSONNEL 2021		<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
		male + female	male + female	male + female	male + female

8 LOCATION(S) AT WHICH THE ENTERPRISE'S R&D ACTIVITIES ARE CARRIED OUT IN 2021

i Please include only locations which belong to your enterprise and are established on a permanent basis.

In 2021, did the enterprise carry out its R&D activities exclusively at the enterprise's main location?

Yes → Please go to question 9!

No

i Main location = Address on the address label on page 1 of the questionnaire.

Please indicate the region in which the establishment where the R&D activity of your enterprise was carried out is located. If your enterprise had R&D locations in two or more regions please report the distribution of R&D personnel between these regions (in %).

↓

<input type="checkbox"/>	Burgenland	<input type="text"/>	%
<input type="checkbox"/>	Carinthia	<input type="text"/>	%
<input type="checkbox"/>	Lower Austria	<input type="text"/>	%
<input type="checkbox"/>	Upper Austria	<input type="text"/>	%
<input type="checkbox"/>	Salzburg	<input type="text"/>	%
<input type="checkbox"/>	Styria	<input type="text"/>	%
<input type="checkbox"/>	Tyrol	<input type="text"/>	%
<input type="checkbox"/>	Vorarlberg	<input type="text"/>	%
<input type="checkbox"/>	Vienna	<input type="text"/>	%
			100 %

9 AUSTRIAN CATALOGUE OF RESEARCH INSTITUTIONS

i The Austrian catalogue of research institutions is a directory of R&D performing Austrian enterprises and other R&D institutions. The entry is **free of charge**.

I hereby consent to the publication of the enterprise's name and address, the name of the person responsible for R&D, or head of the enterprise, and its main economic activity in the new edition of the Austrian catalogue of research institutions and to the forwarding of this information to interested parties also in form of an excerpt from the catalogue of research institutions.

Yes

Signature by an authorised person

No → Please go to question 10!

Contact person for R&D or head of the enterprise:

<input type="text"/>	<input type="text"/>	<input type="text"/>
Mr. / Ms.	Name	First name
<input type="text"/>	<input type="text"/>	<input type="text"/>
Academic degree	Title	Commercial law position within the enterprise

Details of the enterprise for the entry in the catalogue of research institutions:

<input type="text"/>	/	<input type="text"/>	-	<input type="text"/>
City code		Phone number	Extension	E-mail address
<input type="text"/>				<input type="text"/>
Web site				Social media

10 TIME SPENT FOR RESPONDING TO THIS QUESTIONNAIRE

To be able to measure the burden for enterprises by statistical surveys with a compulsory participation we ask for the following information:

How many people were involved in the data collection for this R&D survey and its completion? people

How much time do you estimate you have spent in total for data collection and completion? hour(s) minutes

i Please add the time spent by all people who were involved in responding to a total in hours and minutes.

SPACE FOR COMMENTS ON THE R&D SURVEY:

Thank you for your co-operation!