



Science and research in times of Covid-19 crisis

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Remote participation



Links between COVID-19 related needs of stakeholders and One Health EJP activities

Workpackage 5

Science to Policy translation

Priorities	Support by veterinary services Veterinary services can relieve the unbearable pressure that public health laboratories are experiencing by supporting diagnostic services ^{2,3} .
	Point-of-care testing Validation of point-of-care testing is needed for quality diagnostics. Comprehensive testing (viral loads, identification and serology) supporting contact tracing will aid establishment of surveillance strategies ¹¹ .
	Screening of animal hosts While <i>Rhinolophus</i> bats appear to be the ancestral hosts of SARS-Cov-2 ⁴ , the animal reservoir and possible intermediate hosts are still unknown. Research needs to consider farmed animals and hunted wildlife as a possible source of spill over ^{4,7,14} . Serological (prevalence) screening coupled with molecular methods are needed for a wide range of hosts ⁴ . Serological study protocols should be harmonised across sectors ⁷ and countries ¹¹ . Broad surveillance sampling is therefore needed, coupled with testing of archived specimens ^{7,9} . Negative findings have to be reported as well ² .

Role of food contamination

Presence of the virus on food has been reported, but there is currently no evidence that food contributes to human infection^{6,18}. Given the zoonotic origin of SARS-CoV-2, however, and given that the circulation of food and livestock should be preserved in the EU¹⁹, it is necessary that more evidence is produced.

Role of environmental contamination

The highest risk of COVID-19 spread is through human-to-human transmission, however contamination of surfaces is broadly reported. There is the need of assessing the stability of the virus on different surfaces^{4,7}, and it is necessary to assess the putative role of contaminated surfaces in transmission¹¹.

Transmission pathways

In addition to the detection of viral particles in animals, food, feed and environment, the dynamics of spread has to be studied. What is the transmission pathway that goes from reservoir, to putative secondary host, to humans, and is a reverse transmission from humans to animals possible^{4,7,11}?



■ [EFSAProcurement@efsa.europa.eu](https://efsa.europa.eu)







■ [EFSA website – grants pages](#)

■ [#efsaprocurement](#)
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Yes, we grant!

Are you working at one of the **Article 36 organisations**? EFSA awards grants to competent organisations designated by Member States. Check out the available grants listed below.

EFSA's main grant types

Specific grants		Provide EFSA with access to specific expertise in competent Member States organisations. Example Genotoxicity studies to refine risk assessment.	Implementing distinct projects
Tasking grants		Allow direct scientific and technical support from Member States organisations. Example Support in assessing large volumes of pesticide dossiers.	Receiving direct support
Framework Partnership Agreements (FPAs)		Establish long-term partnerships with organisations for recurring scientific and technical support or novel project. Example Risk characterisation of ciguatera poisoning by 14 organisations from 6 Member States and EFSA.	Creating long-term partnerships
Thematic grants		Enable innovative scientific cooperation between Member States organisations by creating consortia. Example Develop new methodologies for the identification of emerging risks.	Encouraging innovation
Fellowship grants		Allow future risk assessment experts to train at hosting sites in different Member States. Example Train a fellow in the risk assessment of mycotoxins at a Member State organisation.	Building expertise
Partnering grants		Support capacity building of Member States organisations in certain risk assessment areas. Example A highly experienced organisation shares best practices in data collection.	Exchanging knowledge

Grant principles

 co-financing	 non-cumulative	 non-profit	 non-retroactive
<p>i Contact your national EFSA Focal Point to get more information</p> <p>Focal Points are the interfaces between EFSA and relevant national organisations</p>			

More information about competent organisations is available on EFSA's website, at <https://www.efsa.europa.eu/en/partners/network/ncog>

EFSA (EU) 2016-2017-2018-2019-2020-2021-2022-2023-2024-2025-2026-2027-2028-2029-2030-2031-2032-2033-2034-2035-2036-2037-2038-2039-2040-2041-2042-2043-2044-2045-2046-2047-2048-2049-2050-2051-2052-2053-2054-2055-2056-2057-2058-2059-2060-2061-2062-2063-2064-2065-2066-2067-2068-2069-2070-2071-2072-2073-2074-2075-2076-2077-2078-2079-2080-2081-2082-2083-2084-2085-2086-2087-2088-2089-2090-2091-2092-2093-2094-2095-2096-2097-2098-2099-2100-2101-2102-2103-2104-2105-2106-2107-2108-2109-2110-2111-2112-2113-2114-2115-2116-2117-2118-2119-2120-2121-2122-2123-2124-2125-2126-2127-2128-2129-2130-2131-2132-2133-2134-2135-2136-2137-2138-2139-2140-2141-2142-2143-2144-2145-2146-2147-2148-2149-2150-2151-2152-2153-2154-2155-2156-2157-2158-2159-2160-2161-2162-2163-2164-2165-2166-2167-2168-2169-2170-2171-2172-2173-2174-2175-2176-2177-2178-2179-2180-2181-2182-2183-2184-2185-2186-2187-2188-2189-2190-2191-2192-2193-2194-2195-2196-2197-2198-2199-2200-2201-2202-2203-2204-2205-2206-2207-2208-2209-2210-2211-2212-2213-2214-2215-2216-2217-2218-2219-2220-2221-2222-2223-2224-2225-2226-2227-2228-2229-2230-2231-2232-2233-2234-2235-2236-2237-2238-2239-2240-2241-2242-2243-2244-2245-2246-2247-2248-2249-2250-2251-2252-2253-2254-2255-2256-2257-2258-2259-2260-2261-2262-2263-2264-2265-2266-2267-2268-2269-2270-2271-2272-2273-2274-2275-2276-2277-2278-2279-2280-2281-2282-2283-2284-2285-2286-2287-2288-2289-2290-2291-2292-2293-2294-2295-2296-2297-2298-2299-2300-2301-2302-2303-2304-2305-2306-2307-2308-2309-2310-2311-2312-2313-2314-2315-2316-2317-2318-2319-2320-2321-2322-2323-2324-2325-2326-2327-2328-2329-2330-2331-2332-2333-2334-2335-2336-2337-2338-2339-2340-2341-2342-2343-2344-2345-2346-2347-2348-2349-2350-2351-2352-2353-2354-2355-2356-2357-2358-2359-2360-2361-2362-2363-2364-2365-2366-2367-2368-2369-2370-2371-2372-2373-2374-2375-2376-2377-2378-2379-2380-2381-2382-2383-2384-2385-2386-2387-2388-2389-2390-2391-2392-2393-2394-2395-2396-2397-2398-2399-2400-2401-2402-2403-2404-2405-2406-2407-2408-2409-2410-2411-2412-2413-2414-2415-2416-2417-2418-2419-2420-2421-2422-2423-2424-2425-2426-2427-2428-2429-2430-2431-2432-2433-2434-2435-2436-2437-2438-2439-2440-2441-2442-2443-2444-2445-2446-2447-2448-2449-2450-2451-2452-2453-2454-2455-2456-2457-2458-2459-2460-2461-2462-2463-2464-2465-2466-2467-2468-2469-2470-2471-2472-2473-2474-2475-2476-2477-2478-2479-2480-2481-2482-2483-2484-2485-2486-2487-2488-2489-2490-2491-2492-2493-2494-2495-2496-2497-2498-2499-2500-2501-2502-2503-2504-2505-2506-2507-2508-2509-2510-2511-2512-2513-2514-2515-2516-2517-2518-2519-2520-2521-2522-2523-2524-2525-2526-2527-2528-2529-2530-2531-2532-2533-2534-2535-2536-2537-2538-2539-2540-2541-2542-2543-2544-2545-2546-2547-2548-2549-2550-2551-2552-2553-2554-2555-2556-2557-2558-2559-2560-2561-2562-2563-2564-2565-2566-2567-2568-2569-2570-2571-2572-2573-2574-2575-2576-2577-2578-2579-2580-2581-2582-2583-2584-2585-2586-2587-2588-2589-2590-2591-2592-2593-2594-2595-2596-2597-2598-2599-2600-2601-2602-2603-2604-2605-2606-2607-2608-2609-2610-2611-2612-2613-2614-2615-2616-2617-2618-2619-2620-2621-2622-2623-2624-2625-2626-2627-2628-2629-2630-2631-2632-2633-2634-2635-2636-2637-2638-2639-2640-2641-2642-2643-2644-2645-2646-2647-2648-2649-2650-2651-2652-2653-2654-2655-2656-2657-2658-2659-2660-2661-2662-2663-2664-2665-2666-2667-2668-2669-2670-2671-2672-2673-2674-2675-2676-2677-2678-2679-2680-2681-2682-2683-2684-2685-2686-2687-2688-2689-2690-2691-2692-2693-2694-2695-2696-2697-2698-2699-2700-2701-2702-2703-2704-2705-2706-2707-2708-2709-2710-2711-2712-2713-2714-2715-2716-2717-2718-2719-2720-2721-2722-2723-2724-2725-2726-2727-2728-2729-2730-2731-2732-2733-2734-2735-2736-2737-2738-2739-2740-2741-2742-2743-2744-2745-2746-2747-2748-2749-2750-2751-2752-2753-2754-2755-2756-2757-2758-2759-2760-2761-2762-2763-2764-2765-2766-2767-2768-2769-2770-2771-2772-2773-2774-2775-2776-2777-2778-2779-2780-2781-2782-2783-2784-2785-2786-2787-2788-2789-2790-2791-2792-2793-2794-2795-2796-2797-2798-2799-2800-2801-2802-2803-2804-2805-2806-2807-2808-2809-2810-2811-2812-2813-2814-2815-2816-2817-2818-2819-2820-2821-2822-2823-2824-2825-2826-2827-2828-2829-2830-2831-2832-2833-2834-2835-2836-2837-2838-2839-2840-2841-2842-2843-2844-2845-2846-2847-2848-2849-2850-2851-2852-2853-2854-2855-2856-2857-2858-2859-2860-2861-2862-2863-2864-2865-2866-2867-2868-2869-2870-2871-2872-2873-2874-2875-2876-2877-2878-2879-2880-2881-2882-2883-2884-2885-2886-2887-2888-2889-2890-2891-2892-2893-2894-2895-2896-2897-2898-2899-2900-2901-2902-2903-2904-2905-2906-2907-2908-2909-2910-2911-2912-2913-2914-2915-2916-2917-2918-2919-2920-2921-2922-2923-2924-2925-2926-2927-2928-2929-2930-2931-2932-2933-2934-2935-2936-2937-2938-2939-2940-2941-2942-2943-2944-2945-2946-2947-2948-2949-2950-2951-2952-2953-2954-2955-2956-2957-2958-2959-2960-2961-2962-2963-2964-2965-2966-2967-2968-2969-2970-2971-2972-2973-2974-2975-2976-2977-2978-2979-2980-2981-2982-2983-2984-2985-2986-2987-2988-2989-2990-2991-2992-2993-2994-2995-2996-2997-2998-2999-3000-3001-3002-3003-3004-3005-3006-3007-3008-3009-3010-3011-3012-3013-3014-3015-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Deadline	Reference	Title	Published
12/11/2020 14:30:59 +01:00	OC/EFSA/AMU/2020/02	Assistance for Statistical and Epidemiological Analyses and Related Data Management, Using Conventional and Artificial Intelligence Methodology, and for Training and Ad-hoc Consultation Upon Request	03/09/2020
21/09/2020 14:30:59 +02:00	OC/EFSA/ART/2020/01	IUCLID Training	27/07/2020
05/10/2020 14:30:59 +02:00	OC/EFSA/BIOCONTAM/2020/03	Provision of Support to EFSA and to ECDC in the Production of the EU One Health Zoonoses Report and in Related Zoonoses Online Interactive Data Visualisation Dashboards and Zoonoses Story Maps	27/07/2020
15/10/2020 14:30:59 +02:00	OC/EFSA/GMO/2020/01	DNA Sequencing Quality Check of GMO Applications	27/07/2020
01/10/2020 14:30:59 +02:00	OC/EFSA/BIOCONTAM/2020/02	TSE EU Summary Report (EUSR)	24/07/2020
21/09/2020 14:30:59 +02:00	OC/EFSA/AMU/2020/04	EFSA Framework for Problem Formulation	14/07/2020
24/09/2020 14:30:59 +02:00	OC/EFSA/PREV/2020/01	Development of Critical Appraisal Forms for the Evaluation of Ecotoxicology Studies	13/07/2020
28/09/2020 14:30:59 +02:00	OC/EFSA/DATA/2020/01	RPC (Raw Primary Commodity) Model Update	08/07/2020
30/09/2020 14:30:59+02:00	OC/EFSA/SCER/2020/02	Screening for Emerging Chemical Risks in the Food Chain	07/07/2020

External tenders

In addition to EFSA tenders, you will find in this section the tender opportunities published by the other EU Agencies reporting to the ENVI Committee of the European Parliament: European Centre for Disease Prevention and Control (ECDC), European Environment Agency (EEA), European Medicines Agency (EMA), European Chemicals Agency (ECHA).

Deadline	Body	Reference	Title	Published
15/09/2020	EEA	EEA/DIS/R0/20/011	End-to-end Implementation and Operation of the European Ground Motion Service (EGMS)	05/06/2020
20/10/2020	ECHA	ECHA/2020/704	Customer Support Service for the ECHA Information Desk	11/09/2020
30/10/2020	ECDC	OJ/2020/DPR/12155	Administration, Technical and Scientific Support to the Operation of a European Network of Laboratories for Early Detection and Surveillance of Emerging, Re-emerging and Vector-borne Viral Diseases	08/09/2020
07/05/2023	ECDC	CEI/2019/RMC/11165	Editing and Proofreading, and Rapporteur Services	07/08/2019

Risk Assessment Research Assembly (RARA)

Utrecht, 7 February 2018

EFSA organised the first Risk Assessment Research Assembly (RARA), with a view to stimulating new partnerships in food safety research to safeguard public health, and highlighting the importance of public funding.

Bringing together EU and national research funders, policy/decision makers and leading food safety researchers, RARA served as a platform to:

- exchange research ideas, which may form part of future calls, and
- identify partners and possible ways of funding.

Outcome

The first RARA attracted 200 scientists, risk assessors and policy makers from 40 countries. To learn more about the event, you can check out the event report, the programme and a leaflet highlighting the key outcomes.

- [Event report](#)
- [Event programme](#)
- [Key outcomes](#)

Note: If you wish to print the leaflet, make sure to select the setting 'flip on short edge'.

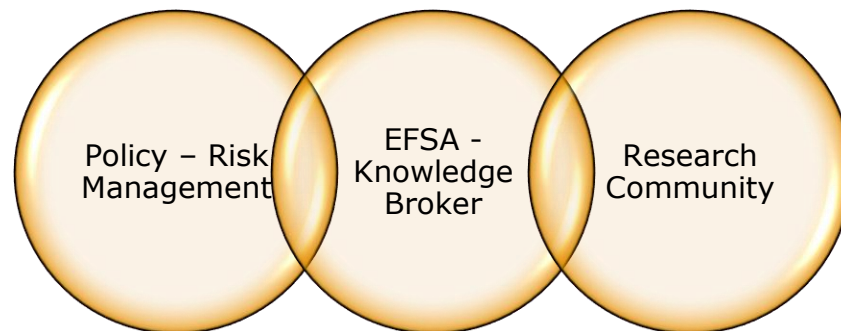
Event documents

RARA was organised as a dynamic and interactive event. Participants' input and contributions have been captured in the following documents.

- [e-Inventory of research ideas](#) – shared among participants before the event
- [Posters & slides](#) – presentations supporting research pitches made during the event
- [EFSA-supported networking via joint projects \(2015-2017\)](#) – poster presented at RARA
- [Food for thought](#) – booklet of abstracts from keynote speakers and panellists
- [Satisfaction survey](#) – summary statistics from participants' feedback

<https://www.efsa.europa.eu/en/events/event/180207>

Knowledge broker function



Tools

- Funding programmes
- Upcoming calls
- Partner search
- On-going research
- Project ideas
- Twitter / LinkedIn

Stakeholders

Consultations

Calls for data

Observers

Careers

Procurement

Grants

Research Platform

Funding programmes

Upcoming calls

Knowledge Centre

Fellowship programme

Research Platform

EFSA's Research Platform is home for the wider food safety research community. It aims to support project ideas, promote consortia formation, and help scientists find opportunities for public research funding in food safety.

The Platform has been created in response to a call for coordination in the area of food safety research at EFSA's first Risk Assessment Research Assembly ([RARA](#)), where participants called on EFSA to be a knowledge-broker between scientists and policy makers.

The platform offers access to the following tools:

Funding programmes: a selection of current funding opportunities that are most relevant to food safety.

Upcoming calls: announced calls in EFSA's remit that are selected to allow researchers to monitor upcoming opportunities.

Partner search: there are useful websites to help you find partners or express your interest to [participate in consortia](#). In addition, EFSA has a large network of [competent organisations](#) and researchers we work with. To find partners in your country, please contact your national [EFSA Focal Point](#).

Research projects and ideas: should you wish to find out about ongoing research projects, click [here](#). If you would like to share a research idea, please contact our Research Coordinator. You can follow the Research Coordinator on [Twitter](#) or [LinkedIn](#), or simply send an [email](#).

For more insights please visit our [Knowledge Centre](#).

Stay always up to date by signing up to the [EFSA newsletter](#)!

Tweets



Stef Bronzwaer
@sbronzwaer

In just 4 days another Open Door towards [@EU_H2020](#) calls: Towards a European research and innovation roadmap on soils and land management. Opening: 15 October 2019 Deadline: 22 January 2020 - 17:00 (CET). Code: FNR-04-2020. [ow.ly/83J450wEnlm](#)



2m



Stef Bronzwaer
@sbronzwaer

EU member states are discussing nine new ideas for research partnerships to be funded by Horizon Europe, the EU next research programme. They include topics such as antimicrobial resistance, smart cities, shipping and forestry. [ow.ly/B3fc50wEoRn](#)

3h



Procurement

Grants

Research Platform

Funding programmes

Upcoming calls

Knowledge Centre

Fellowship programme

[EEA Grants and Norway Grants](#)

Topics: Innovation, Research, Education and Competitiveness , Social Inclusion, Youth Employment and Poverty Reduction, Environment, Energy, Climate Change and Low Carbon Economy, Culture, Civil Society, Good Governance and Fundamental Rights and Freedoms, Justice and Home Affairs

Main link: [EEA Grants and Norway Grants website](#)

[OECD Research Fellowships and Conference Sponsorship](#)

Main link: [OECD website](#)

[Visegrad Fund](#)

Main link: [Visegrad Fund webpage](#)

[COST – European Cooperation in Science & Technology](#)

Topics: Workshops, Conferences, Training Schools, Short-Term Scientific Missions (STSMs), Dissemination Activities

Main link: [COST website](#)

[Horizon 2020](#)

Topics: Excellent science: Frontier research funded by the European Research Council (ERC); Marie Skłodowska-Curie Actions., Societal challenges: Health, demographic change and wellbeing; Food security, sustainable agriculture and forestry, marine and maritime and inland water research and the bioeconomy.

Main link: [Horizon 2020 Website](#)

[LIFE - Programme for the Environment and Climate Action](#)

Topics: Environment and resource efficiency, Nature and biodiversity, Climate change mitigation, Climate change adaptation, Environmental governance and information, Climate governance and information

Main link: [LIFE website](#)

[PRIMA – Partnership for Research and Innovation in the Mediterranean Area](#)

[Careers](#)[Procurement](#)[Grants](#)[Research Platform](#)[Funding programmes](#)[Upcoming calls](#)[Knowledge Centre](#)[Fellowship programme](#)

Upcoming calls

[COST Open Call: A simple one-step application process](#)

● Opening: 1 July 2019 ● Deadline: 13 November 2020

Call link: [COST website](#)

[Digital Life Science Open Call](#)

● Opening: 15 September 2020 ● Deadline: 22 December 2020

Call link: [EOSC-Life Open Call](#)

[Fostering regulatory science to address combined exposures to industrial chemicals and pharmaceuticals: from science to evidence-based policies](#)

● Opening: 22 September 2020 ● Deadline: 26 January 2021

Code: LC-GD-8-2-2020:

Call link: [H2020 EU Green Deal call](#)

[Innovative, systemic zero-pollution solutions to protect health, environment and natural resources from persistent and mobile chemicals](#)

● Opening: 22 September 2020 ● Deadline: 26 January 2021

Code: LC-GD-8-1-2020

Call link: [H2020 EU Green Deal call](#)

[Restoring biodiversity and ecosystem services](#)

● Opening: 22 September 2020 ● Deadline: 26 January 2021

Code: LC-GD-7-1-2020

Call link: [H2020 EU Green Deal call](#)

[Testing and demonstrating systemic innovations in support of the Farm-to-Fork Strategy](#)

● Opening: 22 September 2020 ● Deadline: 26 January 2021

Code: LC-GD-6-1-2020

Call link: [H2020 EU Green Deal call](#)

Stakeholders

Consultations

Calls for data

Observers

Colloquia

Careers

Innovation prizes

Procurement

Grants

Research Platform

Funding programmes

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Knowledge Centre

Fellowship programme

Knowledge Centre

› Food 2030

› Strategy papers

▼ EU Project databases

- [CORDIS Database](#) for Horizon2020 Research Projects
- [LIFE Projects](#) Database
- [EU Health Programme](#) Project Database
- [INTERREG Projects](#) Database

› External Projects involving EFSA

- [Harnessing Research and Innovation for FOOD 2030: A science policy dialogue](#)
- [FOOD 2030: Future-Proofing our Food systems through Research and Innovation](#)
- [FOOD 2030: Innovative EU research ensures food system is future-ready](#)
- [Executive Summary - Recipe for change: An agenda for a climate-smart and sustainable food system for a healthy Europe](#)
- [European Research & Innovation for Food & Nutrition Security](#)

▼ External Projects involving EFSA

- [ANSWER](#) - AntibioticS and mobile resistance elements in WastEwater Reuse applications: risks and innovative solutions
- [ASF-STOP](#) - Understanding and combating African Swine Fever in Europe
- [COMPARE](#) - Collaborative Management Platform for detection and Analyses of (Re-) emerging and foodborne outbreaks in Europe
- [CS-EU](#) - Citizen Science to promote creativity, scientific literacy, and innovation throughout Europe
- [Defend2020](#) - Addressing the dual emerging threats of African Swine Fever and Lumpy Skin Disease in Europe
- [DELTA-FLU](#) - Dynamics of avian influenza in a changing world
- [EBO-SURSY](#) - Capacity building and surveillance for Ebola Virus Disease (FOOD-2016-379-660)
- [EcoStack](#) - Stacking of ecosystem services: mechanisms and interactions for optimal crop protection, pollination enhancement, and productivity
- [ERBFacility](#) - European Raptor Biomonitoring Facility
- [EUROMIX](#) - A tiered strategy for risk assessment of mixtures of multiple chemicals
- [EuroXanth](#) - Integrating science on Xanthomonadaceae for integrated plant disease management in Europe
- [EU-ToxRisk](#) - An Integrated European 'Flagship' Programme Driving Mechanism-based Toxicity Testing and Risk Assessment for the 21st century
- [FIT4FOOD2030](#) - Fostering Integration and Transformation for FOOD 2030
- [GRACIOUS](#) - Grouping, Read-Across, Characterisation and classification framework for regulatory risk assessment of manufactured nanomaterials and Safer design of nano-enabled products
- [HRM4EU](#) - European Human Biomonitoring Initiative
- [InDirect](#) - Direct and indirect biorefinery technologies for conversion of organic side-streams into multiple marketable products
- [JAMRAI](#) - Joint Action on Antimicrobial Resistance (AMR) and Healthcare-Associated Infections (HCAI)
- [Landmark](#) - LAND Management: Assessment, Research, Knowledge base
- [One-health EIP](#) - One-Health programme on zoonoses, foodborne outbreaks and AMR
- [PATROLS](#) - Physiologically anchored tools for Realistic nanomaterial hazard assessment
- [PoshBee](#) - Pan-European assessment, monitoring and mitigation of stressors on the health of bees
- [SafeConsumE](#) - Safer food through changed consumer behavior: Effective tools and products, communication strategies, education and a food safety policy reducing health burden from foodborne illnesses

Food Safety Regulatory Research Needs 2030

<https://efsa.onlinelibrary.wiley.com/doi/full/10.2903/j.efsa.2019.e170622>

1. SAFE FOOD SYSTEMS - Improve food safety while moving towards alternative & sustainable production systems.

- Anticipate impacts on food safety of **innovation** in food production and food systems. At **processing level as well as primary production level, hence include animal and plant health**.
- Does not suffice to assess risks, but **also benefits, impacts and alternatives need to be assessed**.
- Preparedness for **big social changes** related to climate change, migration, and changing consumer choices.

2. INNOVATION IN RISK ASSESSMENT - Anticipating impact of innovations and new technologies on integrated risk assessment.

- **Current approach too resource-intensive, mostly animal-based** raising issues of reproducibility and ethics.
- This current RA paradigm is challenged by recent **technical advances, and public demands**.
- Today, still, we work too much in silo's, and further research needs an integrated **OneHealth approach**.

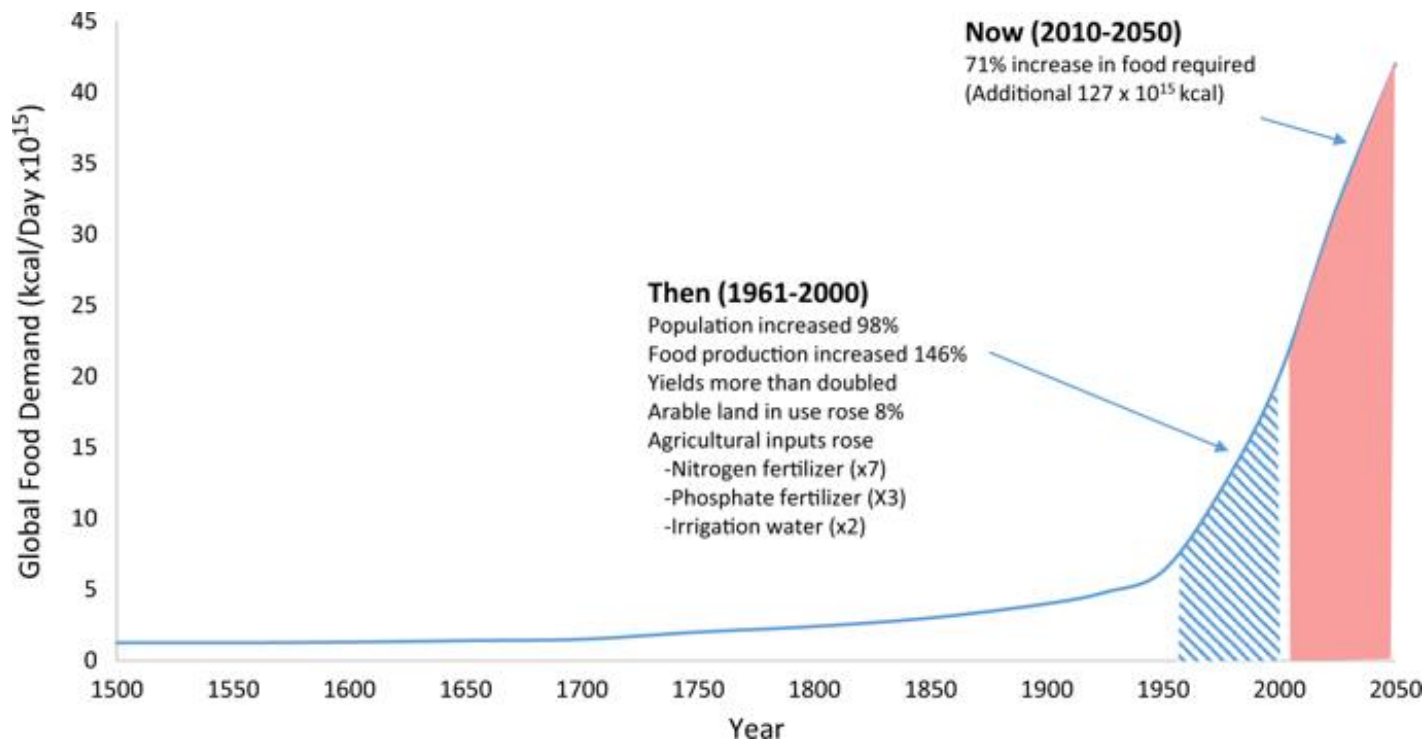
3. HOLISTIC RISK ASSESSMENT - Understanding the context, delivering and communicating impactful science.

- To understand the context, research will focus on **understanding citizens' perceptions and expectations, integrate risks and benefits, while at the same time promoting education and mobility of experts**.
- Use of **big data and AI**.
- Intrinsic **link between R&I and capacity building**.

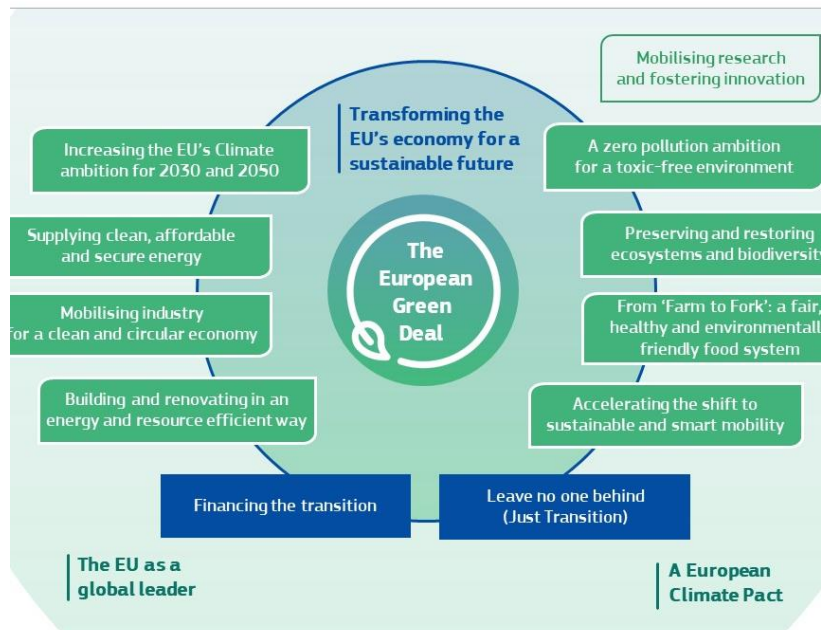
CHANGING WORLD



EXPONENTIAL GLOBAL FOOD DEMAND



Framing the food security challenge (adapted from Keating et al. 2014; Keating and Carberry, 2010) <https://www.nature.com/articles/s41538-018-0021-9.pdf>



Pillar 1

Excellent Science

European Research Council

Marie Skłodowska-Curie
Actions

Research Infrastructures

Pillar 2

Global Challenges and
European Industrial
Competitiveness

Clusters

- Health
- Culture, Creativity and Inclusive Society
- Civil Security for Society
- Digital, Industry and Space
- Climate, Energy and Mobility
- Food, Bioeconomy, Natural Resources, Agriculture and Environment

Joint Research Centre

Pillar 3

Innovative Europe

European Innovation Council

European innovation
ecosystems

European Institute of
Innovation
and Technology

Widening Participation and Strengthening the European Research Area

Widening participation and spreading excellence

Reforming and Enhancing the European R&I system

Co-programmed

- These are partnerships between the Commission and private and/or public partners. They are based on memoranda of understanding and/or contractual arrangements.

Co-funded

- Partnerships involving EU countries, with research funders and other public authorities at the core of the consortium.

Institutionalised

- These partnerships require legislative proposals from the Commission and are based on a Council Regulation ([Article 187](#)) or a Decision by the European Parliament and Council ([Article 185](#)).

Full list of 49 candidate Partnerships

The current list of candidate European Partnerships is found in Annex 7 of the [Orientations towards the first Strategic Plan for Horizon Europe](#) (at the very end). Partnerships interesting for EFSA include:

- [Animal health: fighting infectious diseases partnership](#)
- [One Health-AMR](#)
- [Environmental Observations for a sustainable EU agriculture](#)
- [Safe and Sustainable Food System for People, Planet & Climate](#)
- [EIT Food](#)
- [Chemical Risk Assessment \(PARC\)](#)

2030 targets



The use of **pesticides** in agriculture contributes to pollution of soil, water and air. The Commission will take action to **reduce the use of chemical and more hazardous pesticides by 50%**



The **excess of nutrients** in the environment is a major source of air, soil and water pollution, negatively impacting biodiversity and climate. The Commission will act to

- **reduce nutrient losses by at least 50%**, while ensuring no deterioration on soil fertility
- **reduce fertilizer use by at least 20%**

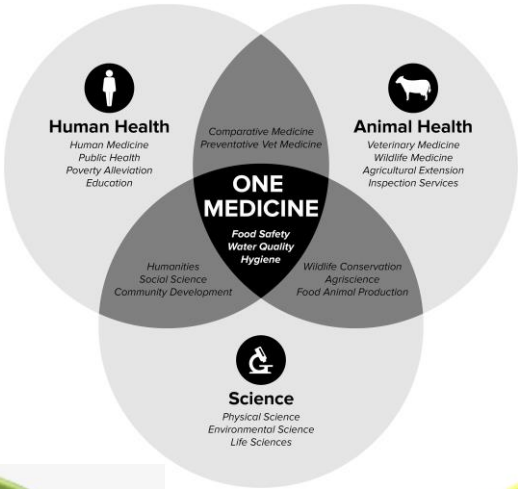


Antimicrobial resistance linked to the use of antimicrobials in animal and human health leads to an estimated 33,000 human deaths in the EU each year. The Commission will **reduce the sale of antimicrobials for farmed animals and in aquaculture by 50%**.



Organic farming is an environmentally-friendly practice that needs to be further developed. The Commission will help the EU's organic farming sector to grow, with the goal of **25 % of total farmland being used for organic farming by 2030**.

One Health – One Medicine – One World – One Planet



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EFSA's Research Platform

<http://www.efsa.europa.eu/en/engage/research-platform>

