**Fraud vulnerability questions**

| **Product** | **Answer** |
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| **Is the following basic information present for all products used or sold by your company?**   * Product names * Product specifications * Ingredient composition of the products * Physical characteristics of the products (e.g. solid, liquid, powder, particle size) * Country of origin of the products * Which products with have an added value (way of production, origin, nutritional value etc.) * Product monitoring program on fraud elements * Names of laboratories executing analysis of products * Methods used for analysis in monitoring program | * Yes: answer questions below * No: gather information |
| **Which products have an added value, that can motivate fraudsters to commit fraud?**  *Added value due to products’ composition, way of production and / or origin can motivate potential offenders to commit fraud because it greatly determines prices / payments. Examples of products with an added value are high protein products, vitamins, amino acids and products of a specific origin or way of production (sustainable, organic).* | Fill in product name:   * …………. * …………. * …………. * …………. |
| **With which of the products in your product portfolio has fraud been committed in the past?**  *Products which were subject to fraud in previous cases have a higher risk being involved with committing fraud in the future.*  *Sources that can be helpful: RASFF notification (at hazard select “adulteration/fraud”), GMP+ EWS reports, GMP+ Newsletters, USP database (US Pharmacopeial Convention),, scientific publications, reports authorities or news in the media.* | Fill in product name:   * …………. * …………. * …………. * …………. |
| **Which products in your portfolio are easy to adulterate?**  *Easy adulteration of the composition of the product provides opportunities for potential offenders to commit fraud:*   * *Particle size: the smaller the particles of the product, the easier it is to adulterate e.g. grounded products, powders, and liquid products.* * *Number of ingredients: with every ingredient present in a product, the fraud vulnerability increases. A product consisting of many ingredients has higher fraud vulnerability in comparison with a single ingredient product.* | Fill in product name:   * …………. * …………. * …………. * …………. |
| **Of which of the products in your portfolio is the supply and demand not in balance?**  *When product demand is higher than supply e.g. due to export bans, natural disasters or reduced crop yield, potential offenders of fraud can be motivated to commit fraud.* | Fill in product name:   * …………. * …………. * …………. * …………. |
| **Of which of the products is the packaging opened / changed after leaving production site or which products are easy to access?**  *Access to a product (e.g. bulk products, products without a seal) provides the opportunity for potential offenders to commit fraud.* | Fill in product name:   * …………. * …………. * …………. * …………. |
| **Of which of the products in your portfolio are a variety of off grade qualities or non-feed grade qualities available on the market?**  *Products that exceed contaminant standards (off grade quality) or of which technical grades are available provide the opportunity for potential offenders to commit fraud.* | Fill in product name:   * …………. * …………. * …………. * …………. |

| **Supply chain participant e.g. supplier / producer / transport and storage companies** | **Answer** |
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| **Is the following basic information present for all the supply chain participants involved in the products of your companies’ portfolio?**   * Every supply chain participant: name, address, country * Every supply chain participant: quality certificates, scope certificate   Preferably the information below is also present, however this may not be available for all the supply chain participants:   * Monitoring program of the products supplied/produced * Names of laboratories executing analysis of products supplied/produced * Methods used for analysis in monitoring program of products supplied/produced | * Yes: answer questions below * No: gather information |
| **Which of your supply chain participants have committed fraud or have been victimized with fraud?**  *Companies that committed criminal offences in the past have a statistically proven higher risk of committing future offences. When a direct supplier is victimised by fraud there is a higher risk that your company will also be victimised.*  *Sources to consult for fraud history: RASFF notification (at “hazard select” “adulteration/fraud”), GMP+ EWS reports, GMP+ Newsletters, USP database (US Pharmacopeial Convention), scientific publications, reports authorities or news in the media.* | Fill in company name:   * …………. * …………. * …………. * …………. |
| **At which of your supply chain participants are there also non-feed / non-food activities present?**  *The presence of non-feed / non-food products, e.g. technical grades of the product or biogas fermentation activities provides the opportunity for potential offenders to commit fraud.* | Fill in company name:   * …………. * …………. * …………. * …………. |
| **At which of your supply chain participants is the economic situation critical?**  *A company (= supply chain participant) can be motivated to commit fraud when financial strains exist between customer and client, when there are financial losses or when there are difficulties to comply to the financial needs***.** | Fill in company name:   * …………. * …………. * …………. * …………. |
| **Which of your supply chain participants is located in a country where there is high level of poverty or corruption?**  *Conditions in the country of origin can motivate offenders to commit fraud. A high corruption and poverty level increases the risk of fraud.*  *Sources that can be used as reference: Transparency International Corruption Perception Index (https://www.transparency.org/cpi2015/) and Multidimensional Poverty Index (http://hdr.undp.org/en/content/multidimensional-poverty-index-mpi).* | Fill in company name:   * …………. * …………. * …………. * …………. |
| **Which of your supply chain participants do not have a structured fraud control plan?**  **(**Preferably information about the fraud control plan is known, however this may not be available at all the supply chain participants)  *A fraud control plan consists of fraud related procedures, tasks, validation, verification, fraud control incoming products, methods for fraud detection in place, restricted access to processing site where the product is located (such as production/storage site, transport vehicle).*  *A well designed and systematically audited feed / food safety system in the supplying company extended with effective fraud control measures enhances detectability of unauthentic / suspicious products supplied to your company.* | Fill in company name:   * …………. * …………. * …………. * …………. |

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| **Supply chain structure** | **Answer** |
| **Is the following basic information present for the supply chain of all products of your companies’ portfolio?**   * Structured overview supply chain of all supply chain participants of all the products in your companies’ portfolio (e.g. use HACCP flow charts) | * Yes: answer questions below * No: gather information |
| **Which of the product – supplier combinations in your product portfolio come from a complex and non-transparent supply chain?**  *A complex / non-transparent supply chain network with mainly short-term / ad-hoc relationships and no / limited information exchange provides opportunities for potential offenders to commit fraud* | Fill in combinations of supplier and product name:   * …………. * …………. * …………. * …………. |

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| **Own company** | **Answer** |
| **Is the following basic information present of your companies’ fraud control plan?**   * Product monitoring program on fraud elements * Company policy in reference of fraud (scope, goal, tasks, procedures, verification, validation) * Names of laboratories executing analysis of products * Methods used for analysis in monitoring program * Fencing production site * Access policy production site (visitors, service companies) * Controls on incoming products | * Yes: answer questions below * No: gather information |
| **Are there areas where there is no structured fraud control plan in your company?**  *A fraud control plan can consist of procedures, tasks, validation, verification, control incoming products, implementation of analysis of fraud elements, restricted access to processing site.*  *A well designed and systematically audited feed safety management system in your company extended with dedicated fraud control measures enhances detectability of unauthentic / suspicious products supplied to your company.* | Fill in areas that are not implemented in the fraud control plan:   * …………. * …………. * …………. * …………. |