

Getting sustainability integrated in your daily work

Sustainable Dairy Production, June 2 - 2021

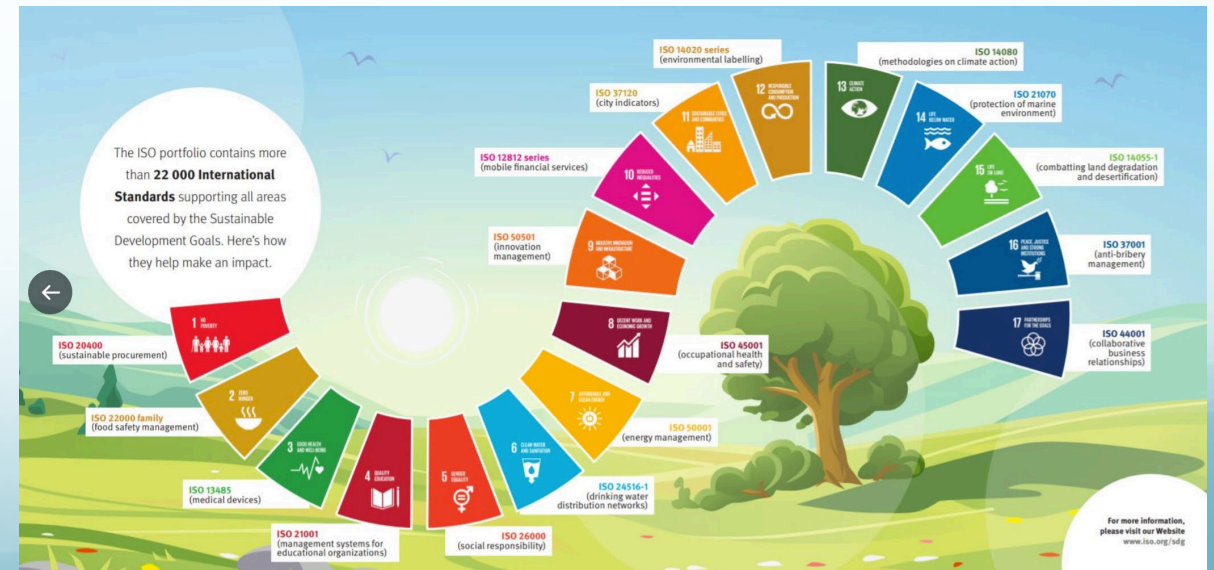
About Karin Hansen

- MSc Dairy Science & Technology, MSc Environmental Management
- Was raised with "Limits to Growth"
- Working with product development, quality, environment and safety in the food & drink sector in Denmark and abroad since 1996
- Main focus is to make sustainability operational and integrated into existing processes and activities, including management systems



Sustainability is more than climate and CO₂

- Sustainability – responsibility and ownership
- No quick fixes - what may look right today may be different tomorrow
- Not one - but several standards and programs
 - ISO
 - SEDEX
 - B CERT
 - ... various certification bodies
- Transparent communication



Characteristics of the Food Industry

- Supply chain focus – from farm to fork
 - Quality and Supplier requirements
 - Traceability and documentation
- Intended usage
 - Market preference and experience
 - Consumer focus
- Efficiency and margin



From Global Compact to ISO

- **UN Global compact**

- Human Rights
- Labour
- Environment
- Anti-corruption

- **SEDEX SMETA Pillar 4**

- Labour
- Health & Safety
- Environment
- Business Ethics



- **ISO Standards**

- Context of organisation
- Leadership
- Planning
- Support
- Operation
- Performance evaluation
- Improvement


The Ten Principles of the UN Global Compact

Human Rights
Principle 1: Businesses should support and respect the protection of internationally proclaimed human rights; and
Principle 2: make sure that they are not complicit in human rights abuses.

Labour
Principle 3: Businesses should uphold the freedom of association and the effective recognition of the right to collective bargaining;
Principle 4: the elimination of all forms of forced and compulsory labour;
Principle 5: the effective abolition of child labour; and
Principle 6: the elimination of discrimination in respect of employment and occupation.

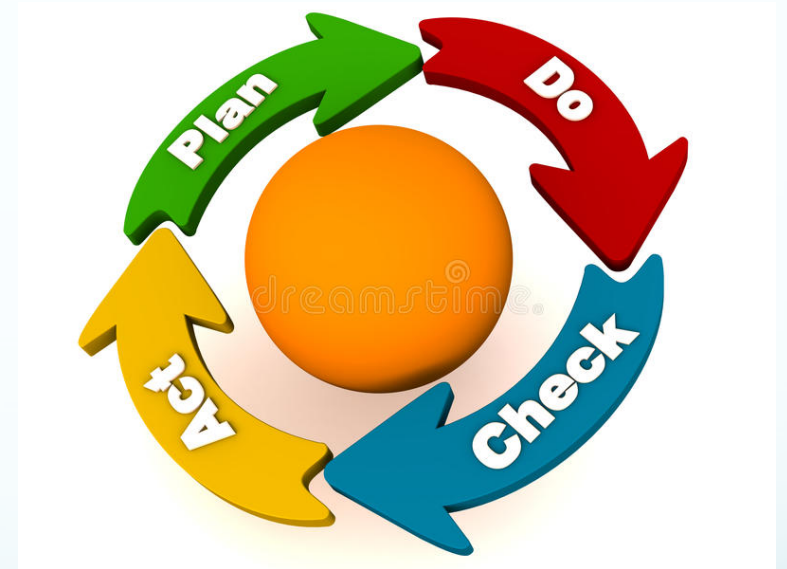
Environment
Principle 7: Businesses should support a precautionary approach to environmental challenges;
Principle 8: undertake initiatives to promote greater environmental responsibility; and
Principle 9: encourage the development and diffusion of environmentally friendly technologies.

Anti-Corruption
Principle 10: Businesses should work against corruption in all its forms, including extortion and bribery.

The logo for the UN Global Compact, featuring a globe with the text 'WE SUPPORT UN GLOBAL COMPACT' around it.

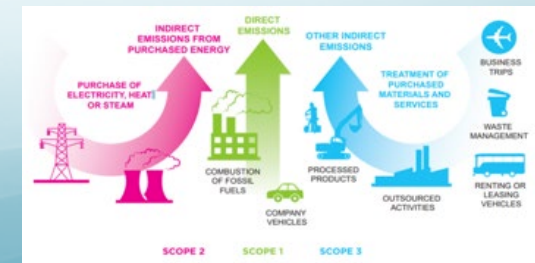
ISO Horizontal Structure

- 4 Context of the organisation
- 5 Leadership
- 6 Planning
- 7 Support
- 8 Operation
- 9 Performance evaluation
- 10 Improvement



4 Context of the organisation

- Organisation and context
 - Owners (private, shareholders, cooperative)
 - Organisation structure (production, R&D, Sales, Admin)
- Interested parties
 - Society (jobs, education, local shop)
 - Market and retailers
 - Suppliers (raw materials, packaging, utilities, etc.)
- Scope
 - Impact and influence – direct or indirect



5 Leadership

- Leadership
 - Code of conduct but also sending the right signals
- Policy and communication
 - Aimed at interested parties – employees as ambassadors
- Roles, responsibilities and authorities

Grundfos satser 100 pct. grønt: Alle firmabiler skal køre på el

Den globale pumpekoncern Grundfos vil på fem år skifte samtlige 2.600 firmabiler ud med elbiler.

ERHVERV | 10.03.2020 KL. 15:30

6 Planning

- Risks and opportunities
 - New products, markets, technologies, legal or customer requirements
- Objectives
 - Storage and shelf life, green energy, zero waste, zero accidents
- Planning of changes
 - Consider the entire supply chain until final usage and disposal



7 Support

- Resources
 - Internal activities e.g. Procurement, HR, Logistics
 - Outsourced processes e.g. Transport, Manufacturing and Cleaning
- Competences and awareness
 - Attract and develop
- Communication
 - Internal and external



Example – Employee focus

- Develop the talent pool you already have - competencies and responsibilities – MUS / PDR
- Attracting new talent - collaboration with schools, educational institutions, job centres, and communities
- Make it attractive to move to the area providing relevant facilities
- Retention of talents - work life balance, mentor schemes and senior schemes



8 Operational planning and control

- Quality and Food Safety
- Occupational Health and Safety
- Environmental and Energy Management



Quality and Food Safety

- Raw material requirements and goods received control
- Quality control and release – shelf life
- Rework collection and waste minimisation
- By-product collection and usage
- Cleaning efficiency and validation



Occupational Health and Safety

- Workplace introduction and PPE (personal protection equipment)
- Safety walks and inspections
- Legal requirements
- Work place assessments and descriptions (kemisk APV)
- Reporting and investigation of incidents and accidents




















Environmental and Energy Management

- Training in efficient driving for intake and distribution vehicles
- Compliance with environmental permit and waste water consent limits
- Waste segregation, reuse and management
- Energy survey and investments



Example – Cross over between ISO standards and SDG's

Operational focus																		
	Context of the organization																	
	Leadership, risk and opportunities, policy																	
Planning	Maintenance – buildings, utilities, equipment				+		+	+		+		+	+	+				+
	Product development – reuse and disposal of packaging			+					+		+	+	+		+	+		+
Support	Procurement - Supplier selection and evaluation	+							+		+	+		+	+	+	+	+
	HR – Introduction and talent mgt.			+	+	+											+	+
	Planning – efficient usage of material and production		+										+					+
Operation	ISO14001 Environmental Management						+	+		+			+		+	+		+
	ISO9001/22000 Quality/Food Safety Management		+	+						+			+					+
	ISO45001 Occupational Health and Safety			+					+									+
	ISO50001 Energy Management							+		+		+	+	+				+

9 Performance Evaluation

- Changes in external and internal issues
- Information on the performance and the effectiveness such as;
 - monitoring and measurement results
 - inspections and audit results
 - performance of external providers
 - review of risks and opportunities
- The adequacy of resources
- Any emergency situation, crises or incident
- Relevant information obtained through external and internal
- Opportunities for continual improvement

10 Improvement

- Nonconformity and corrective action, e.g.
 - Whistle-blower program
- Continual improvement
 - Initiatives, activities and programs
- Update of the management system, e.g.
 - Supplier approval and/or food safety vulnerability assessment
 - Travel policy for business travel

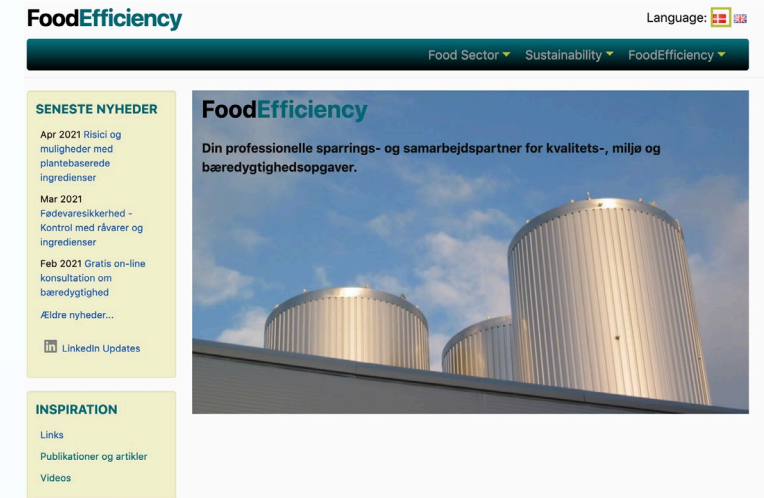
For successful implementation

- Don't underestimate the activities and initiatives you already have in place supporting your business
- Use the SDG's to identify further focus and purpose of your activities
- Internal communication is just as important as external – just like “food safety culture” is now a legal requirement so should “sustainable culture”
- Risk and opportunities, being openminded to new ideas, technologies and markets is essential



For more information....

For more information, inspiration or please contact us on www.foodefficiency.eu



Or follow us on <https://www.linkedin.com/company/foodefficiency/>

¿Questions?

