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Classification: Internal | ACL: Training Development

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PECB

Change Log Form

GENERAL INFORMATION	
Course Developer Manager**	*Donika Mucolli*
Department*	*Training Department*
Date*	*2017/06/16*

Course details*	**Course name:**	**Language:**	**Current Version:**	**Previous Version:**
	ISO 31000 Lead Risk Manager	*English*	*4.1*	*4.0*

Day 1:

Slide Number		**Slide Description:**	**Modifications:**	**Comments**
Current version	*Previous version*			
No.1	*No.2*	*Schedule for Day 1*	*TM sections for day 1 have changed and section 6 has been added in the TM*	

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No.2	*No.4*	*Schedule of the training*	*Table of content has changed since the sections have been modified and some new sections have been added.* *"Day 1: Introduction to ISO 31000 and risk management process" now has 6 sections including:* • *Course objectives and structure* • *Standard and regulatory framework* • *Introduction to ISO 31000 concepts and principles* • *Risk types* • *Risk management framework* • *Initiating the risk management process implementation* *"Day 2: Risk identification, assessment, risk evaluation and treatment according to ISO 31000" now has 5 sections including:* • *Context establishment* • *Risk identification* • *Risk analysis* • *Risk evaluation* • *Risk treatment* *"Day 3: Risk acceptance, communication, consultation and monitoring according to ISO 31000" has three sections including:* • *Risk acceptance* • *Risk communication and consultation* • *Risk monitoring and review* *"Day 4: Risk assessment techniques according to IEC/ISO 31010" has three sections including:* • *Risk assessment techniques based on ISO 31010 (part 1)* • *Risk assessment techniques based on ISO 31010 (part 2)* • *Competence, evaluation and closing the training*	

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No.3	*No.3*	*Normative references used in this training*	*ISO 31004:2013 has been added to the main standards* *Only: ISO 9000, ISO 9001, ISO 17024, ISO 22000, ISO 27000, ISO 27001, ISO 27002, and ISO 27005 are now listed as other standard references.*	
No.4	*No.4*	*List of acronyms and abbreviations use in this training*	*Only AS/NZS, CMS, COSO, CPD, EDM, IAS, ISO, NIST, PDCA, PECB, ROI and ROSI are now listed as acronyms and abbreviations used in this training*	
No.7	*No.7*	*General information*	*This slide has been merged with slide containing information regarding customer services and has been updated*	
No.8	*No.8*	*Training objectives*	*The third objectives has changed to:* *3. Master the concepts, approaches, standards, methods and techniques of risk management process*	
No.9	*No.9*	*Training objectives*	*Objectives have changed to:* *1. Interpret the ISO 31000 principles and guidelines of risk management in a specific context of an organization* *2.Develop the necessary expertise to support an organization to manage and monitor a risk management process as specified in ISO 31000* *3. Acquire the necessary skills to effectively advise organizations on the Risk Management best practices*	

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No.11	*No.11*	*Examination*	*Competency domains have changed to:* 1. *Fundamental principles and concepts of risk management* 2. *Risk Management framework and process* 3. *Risk communication and consultation* 4. *Risk monitoring and review* 5. *Risk assessment techniques based on IEC/ISO 31010*	
No.14	*No.14*	*What is PECB?- notes section*	*Second paragraph has been updated*	
No.15	*No.15*	*Certification Bodies for Persons*	Slide 15 of v4.0 has been replaced by slide 15 of v4.1	
	No.17	*Customer Service*	Deleted slide	

No.18	*No.35*	Section 2/ Standard and regulatory framework	This section has been modified and is now listed as section 2 and includes information relevant to the:
			  a. Standard and methodology
			  b. ISO 31000, ISO 31004 and ISO 31010
			  c. History of Risk Management Standards
			  d. NIST 800-30
			  e. AS/NZS 4360
			  f. COSO ERM Framework
			  g. COSO ERM and ISO 31000	

No.20	*No.37*	*ISO 31000: Risk Management Principles and Guidelines*	*Subtitle has changed to:* *ISO 31000: Risk Management Principles and Guidelines* *Also, notes have been rearranged*	
No.21	*/*	*ISO/TR 31004: Guidance for the Implementation of ISO 31000*	*Added slide*	
No.22	*No.40*	*ISO 31010: Risk Assessment Techniques*	*Notes have been added on the notes section*	
No.23	*No.39*	Techniques used for Risk Assessment - ISO 31010	Notes have been modified	

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No.24	*No.42*	History of Risk Management Standards	This sentence has been added on the notes section **Note:** The following slides will further explain the following standards, guidelines and frameworks NIST 800-20, AS/NZS 4360 and COSO ERM.	
No.25	*No.43-44*	NIST 800-30	Slides 43 and 44 have been merged to one slide (slide 25). Information of slide 43 have been placed on the notes section of slide 25	
No.27	*No.46*	NIST 800-30	This slide has been redesigned	
/	*No.48*	AS/NZS 4360	This slide has been deleted because it contained the same information as slide 47	
No.30	*No.50-51*	AS/NZS 4360	Slides 50 and 51 have been merged to one slide (slide 30). Information of slide 51 have been added on the notes section of slide 30	
/	*No.53*	**Slide notes extension**	This slide has been deleted	
No.34	*No.56*	COSO ERM Framework	Redesigned slide	
No.36	*No.58*	Comparison between ISO 31000 and COSO ERM	Redesigned slide	
No.38	*No.20*	Section 3/ Introduction to ISO 31000 concepts and principles	This section has been modified and contains updated information from section 2 of the previous version of the TM. It also contains new information from best practices Section 3 of the updated ISO 31000 LRM contains information on: 1. Underlying concepts and principles 2. Risk management principles and their application 3. Advantages of risk management	
No.39	*No.21*	Underlying Concepts and Principles	Slide 21 of ISO 31000 LRM v4.0 has been replaced by slide 39 of v4.1. It contains added information from ISO/TR 31004 A.2	

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No.41	*No.28*	Risk Management Strategy	Notes have been deleted from the notes section	
No.42-47	*No.23-27*	All slides	Slides from 23-27 have been replaced by slides from 42 to 47	
No.42		Uncertainty	This slide has been added and contains information form ISO/TR 31004	
No.43		Risk Treatment and Control	This slide has been added and contains information form ISO/TR 31004	
No.44		Risk Management Framework	This slide has been added and contains information form ISO/TR 31004	
No.45		Risk Criteria	This slide has been added and contains information form ISO/TR 31004	
No.46		Management, Risk Management and Managing Risk	This slide has been added and contains information form ISO/TR 31004	
No.47		Risk Management Principles and Their Application	This slide has been added and contains information form ISO/TR 31004	
	No.23	Risks and Threats	Deleted slide	
	No.24	Scientific Definition of Risk	Deleted slide	
	No.25	The Calculation of Risk	Deleted slide	
	No.26	Risk and Statistics	Deleted slide	
	No.27	Opportunities of Risk	Deleted slide	
No.48-58	*No.29-31*	All slides and notes	Slides from 29 to 31 have been replaced by slides from 48 to 58. Slides from 50 to 60 contain same information but are expanded and elaborated with more information taken from ISO 31004	
No.59	*No.32*	Advantages of Risk Management	Updated slide and added information on the notes section	
No.60	/	Exercise 1	New exercise has been added to the TM	

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No.62		Section 4/ Risk types	This section has been displaced from Day 3 of ISO 31000 LRM v4.0 to Day 1 of ISO 31000 LRM v4.1 and contains added information It contains information on risk types such as: a. Operational Risk b. Financial Risk c. Credit Risk d. Information Technology Risk e. Integration Risk f. Security Risk g. Compliance Risk h. Legal risk	
No.63	Day 3 No.89	Operational Risk	Slide 89 of Day 3 of the 4.0 version has been replaced by slide 63 of the 4.1 version of the TM	
No.64		Comparison of Operational Risks for 2016 and 2017	Added slide	
No.65	Day 3 No.88	Financial Risk	Slide 88 of Day 3 pf the 4.0 version has been replaced by slide 65 of the 4.1 version of the TM	
No.66		Financial Risk	Added slide	
No.67		Financial Risk	Added slide	
No.68		Credit risk	Added slide	
No.69		**Slide notes extension**	Added slide	
No.70		Credit Risk – Example	Added slide	
No.71	Day 3 No.91	Information Technology Risk	Slide 91 of Day 3 of the 4.0 version has been replaced by slide 71 of the 4.1 version of the TM	
No.72	Day 3 No.94	Integration Risk	Slide 94 of Day 3 of the 4.0 version has been replaced by slide 72 of the 4.1 version of the TM	
No.73	Day 3 No.92	Security Risk	Slide 92 of Day 3 of the 4.0 version has been replaced by slide 73 of the 4.1 version of the TM	
No.74		Legal Risk	Added slide	
No.75		Compliance risk	Added slide	

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No.76	Day 3 No.85	Compliance Risk	Subtitle of the slide has changed	
No.77		Compliance risk	Added slide	
No.78		Legal compliance	Added slide	
No.79	Day 3 No.95	Exercise 2	The exercised has been displaced from day 3 of ISO 31000 LRM v4.0 to Day 1 (slide 79) of ISO 31000 LRM v4.1	
No.81		Section 5/ Risk Management Framework	This section has been added in the TM	
No.82		ISO 31000 Recommendations	Added slide	
No.83		Risk Management Framework	Added slide	
No 84	No.72	Obtaining a Mandate and Commitment of Management	Slide 72 of Day 1 v4.0 has been replaced by slide 84 v4.1 of the TM and new information has been added in the notes	
No.85		Design of framework for managing risk	Added slide	
No.86		Implementing risk management	Added slide	
No.87	No.59	Risk Management Process According to ISO 31000	This slide has been moved from section 3 of v4.0 to section 5 of v4.1 of the TM	
No.88	No.38	Relationship Between the RM Principles, Framework and Process	Subtitle of the slide has changed. The slide has been moved from section 3 of v4.0 to section 5 of v4.1 of the TM and notes has been replaced	
No.89		Monitoring and Review of the Framework	Added slide	
No.90	No.63	Continual Improvement of the Framework	Subtitle of the slide has changed and new information has been added in the notes section	
No.91	No.92	Exercise 3	This exercise has been moved from section 4 of the 4.0 version to section 5 of 4.1 version of the TM	

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No.93	*No.69*	Section 6/ Initiating the risk management process implementation	This section replaces section 4 of the 4.0 version and contains information on: a. Understanding of organization and its context b. Establishing risk management policy c. Accountability d. Integration into organizational processes e. Resources f. Establishing internal communication and reporting mechanisms g. Establishing external communicational an reporting mechanisms h. Choosing the RM process to implement	
No.94	*No.70*	PECB Risk Management Process	Subtitle has been changed to: PECB Risk Management Process and new information on the notes section has been added. Added information is: ***ISO 31000, clause 4.4.2 Implementing the risk management process*** *Risk management should be implemented by ensuring that the risk management process is applied through a risk management plan at all relevant levels and functions of the organization as part of its practices and processes*	
No.95		Understanding of Organization and its Context	Added slide	
No.96	*No.81*	Establishing Risk Management Policy	Slide 81 of v4.0 has been replaced by slide 96 of v4.1 of the TM	
No.97	*No.80*	Accountability	Subtitle has changed to: Accountability	
No.98	*No.78*	Defining Roles and Responsibilities	Subtitle has changed to: Defining Roles and Responsibilities	
No.102	*No.76*	Common Mistakes of Risk Manager	Information on the notes section has been added	

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No.103	No.82	Integration into Organizational Processes	Subtitle has changed to: Integration into Organizational Processes, and references from ISO 31000 have been added on the notes section	
No.104	No.91	Resources	Subtitle has changed to: Resources	
No.105		Establishing Internal Communication and Reporting Mechanisms	Added slide	
No.106		Establishing External Communication and Reporting Mechanisms	Added slide	
No.107		Choosing the Risk Management Process to Implement	Added slide	
	No.86	Differences between quantitative and qualitative risk analysis	Deleted slide	
No.115	No.33	Exercise 4	This slide has been moved to section 6 of the v4.1 of the TM	

Day 2:				
Slide Number		***Slide Description:***	***Modifications:***	***Comments***
Current Version	*Previous version*			
No.1	*No.1*	*Schedule for day 2*	*Sections of day 2 have been modified and contain information such as:* *1. Context establishment* *2. Risk identification* *3. Risk analysis* *4. Risk evaluation* *5. Risk treatment*	
No.2	*Day 1 No.94*	*Section 7/ Context establishment*	*Section 5 of the 4.0 version is not section 7 in the 4.1 version*	

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No.3	Day 1 No.95	1. Context Establishment	Main objectives of this step have been added on the notes section	
No.5	Day 1 No.97	1. Context Establishment	Numbers of the list of activities have changed and information on the notes has been added	
No.6	Day 1 No.98	1.1. Mission, Objectives, Values, Strategies of the Organization	This information has been added on the notes section: **ISO 31000, clause 4.2 Mandate and commitment** The introduction of risk management and ensuring its ongoing effectiveness require strong and sustained commitment by management of the organization, as well as strategic and rigorous planning to achieve commitment at all levels. Management should: • align risk management objectives with the objectives and strategies of the organization	
No.7	Day 1 No.99	1.2. Establishing the External Context	Subtitle has changed to: 1.2. Establishing the External Context	
No.9	Day 1 No.101	1.3. Establishing the Internal Context	Subtitle has changed to: 1.3. Establishing the Internal Context	
No.11	Day 1 No.103	1.4. Identification and Analysis of Stakeholders	Subtitle has changed to: 1.4. Identification and Analysis of Stakeholders	
No.12	Day 1 No.104	1.5. Identification and Analysis of Requirements Related to Risk Management	Subtitle has changed to: 1.5. Identification and Analysis of Requirements Related to Risk Management	
No.13	Day 1 No.105	1.6. Determine Objectives	Subtitle has changed to: 1.6. Determine Objectives	

No.14	*Day 1 No.106-107*	*1.7. Defining Risk Criteria*	*Slide 14 replaces slides 106 and 107 of Day 1*	
No.18	*Day 1 No.111*	*1.8. Defining the Scope and Boundaries*	*Subtitle has changed to:* *1.8. Defining the Scope and Boundaries*	
No.19	*Day 1 No.112*	*Constraints Affecting the Scope*	*Redesigned slide*	
No.22	*No.2*	*Section 8/ Risk identification*	*This section is now section 8 and contains added information on:* *a. ISO 31000 recommendations*	
No.23	*No.3*	*2. Risk Identification*	*Main objectives have been added and other notes have been deleted because the they have been placed in slide 23 of v4.1 of the TM*	
No.24		*ISO 31000 Recommendations*	*Notes of slide 3 of v4.0 have been added as slide information in slide 24 of v4.1*	
	No.4	*Risk Identification*	*Deleted slide because its information of has been placed in the notes section of slide 25 of v4.1 of the TM*	
No.25		*Risk Identification*	*Added information on notes section from slide 4 of the v4.0 of the TM*	
No.30		*2. Risk identification*	*Added slide*	
No.31	*No.10*	*2.1. Identification of Assets*	*Subtitle has changed to:* *2.1. Identification of Assets* *References from ISO 27005 have been added on the notes section*	
No.32	*No.11*	*Asset*	*Information on the notes section has been replaced*	
No.33	*No.12*	*Creating an Inventory of Assets*	*Information on the notes section has been replaced*	

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No.35	No.14	Main Business Processes	This information has been added on the notes section: **ISO 9000, clause 3.4.1 process** *Set of interrelated or interacting activities that use inputs to deliver an intended result*	
No.36	No.15	Identification of Supporting Assets	Examples on the table have been updated and the las sentence on the notes section has been deleted	
No.38	No.17	Determination of the Asset Values	Information on the notes section has been replaced	
No.39	No.18	Scale of Asset Values	Slide 18 of v4.0 has been replaced by slide 39 of v4.1	
No.40	No.19	2.2 Identification of risk sources	Slide 19 of v4.0 has been replaced by slide 41 of v4.1	
	No.20	3.2 Identification of risk sources	Deleted slide	
No.41	No.21	Identify Sources of Risk	Slide 21 of v4.0 has been replaced by slide 41 of v4.1	
No.42	No.22	2.3 Identification of risk events	Slide 22 of v4.0 has been replaced by slide 42 of v4.1	
	No.23	3.3 Identification of risk events	Deleted slide	
No.44	No.24	Identification of risk events	Slide 24 of v4.0 has been replaced by slide 44 of v4.1	
	No.25	3.3 Identification of risk events	Deleted slide	
No.45	No.26	2.4 Identification of existing measures	Slide 26 of v4.0 has been replaced by slide 45 of v4.1	
No.46	No.27	Identification of existing measures	Slide 27 of v4.0 has been replaced by slide 46 of v4.1	
No.48	No.29	2.5 Identification of consequences	Slide has been redesigned and subtitle has changed to: 2.5 Identification of consequences	
No.52	No.30	Identification of consequences	Slide 30 of v4.0 has been replaced by slide 52 of v4.1	

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No.54	No.35	Exercise 6	Title of the exercise has changed to: Identification of resources	
No.56	No.37	Section 9/ Risk analysis	Section number has changed to 9 and contains new information on a. ISO 31000 and ISO 31010 recommendations	
No.57	No.38	3. Risk Analysis	Subtitle changed to: 3. Risk Analysis And main objectives have been added in the notes section	
No.58	No.39	ISO 31000 Recommendations	Subtitle has changed to: ISO 31000 Recommendations	
No.61		3. Risk analysis	Added slide	
No.62	No.42	3.1. Assessment of Consequences	Slide 42 of v4.0 has been replaced by slide 63 of v4.1	
No.64	No.43-44	Assessment of Consequences	Slides 43 and 44 of v4.0 have been replaced by slide 64 of v4.1	
No.64	No.45	Assessment of Consequences	Subtitle has changed to: Assessment of Consequences Information on the notes has been replaced	
No.65	No.46	Assessment of consequences - Factors to be Considered	Indirect impacts have been updated	
No.66	No.47-48	3.2. Assessment of Incident Likelihood	Slides 47 and 48 of v4.0 have been replaced by slide 67 of v4.1	
No.67	No.49	Likelihood - Definition	Slide 49 of v4.0 has been replaced by slide 68 of v4.1	
No.69		Assessing a value for the likelihood and the possible consequences of risks	Added slide	
No.70	No.51	3.3. Level of Risk Determination	Slide 51 of v4.0 has been replaced by slide 71 of v4.1	
No.71	No.52	Level of Risk - Definition	Slide 52 of v4.0 has been replaced by slide 72 of v4.1	
No.73	No.54	Exercise 7	Exercise number has changed to 7	

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No.75	*No.55*	*Section 10/ Risk evaluation*	*This section involved added information on:* • *ISO 31000 recommendations and,* • *Prioritization of risk*	
No.76	*No.56*	*4. Risk Evaluation*	*Slide 56 of v4.0 has been replaced by slide 77 of v4.1*	
No.77	*No.57*	*ISO 31000 Recommandations*	*Subtitle has changed to:* *ISO 31000 Recommandations* *References have been added on the notes section*	
No.78		*4. Risk Evaluation*	*Added slide*	
No.79	*No.58*	*4.1. Risk Evaluation*	*Subtitle has changed to:* *4.1. Risk Evaluation* *References have been added on the notes section*	
No.80	*No.59*	*Risk Evaluation*	*Subtitle has changed to:* *Risk Evaluation* *Information on the notes section has been added*	
No.81	*No.60*	*Risk Evaluation*	*Subtitle has changed to:* *Risk Evaluation* *Information on the notes section has been added*	
	No.61	*Guidance for Risk Evaluation*	*Deleted slide*	
No.82	*No.62*	*Example of a Risk Evaluation*	*Information on the notes section has been added*	
	No.67-73	*Section 9/ Risk assessment with a quantitative methods*	*Deleted section*	
No.87	*No.74*	*Section 11/ Risk treatment*	*This section now contains information on:* *a. ISO 31000 recommendations* *b. Risk treatment activities* *c. Risk treatment options* *d. Risk treatment plan* *e. Evaluation of residual risk*	

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No.88	No.75	5. Risk Treatment	Slide 75 of v4.0 has been replaced by slide 89 of v4.1	
No.98	No.76-77	ISO 31000 Recommendations	Slides 76 and 77 of v4.0 have been replaced by slide 90 of v4.1	
No.91		Risk Treatment Activities	Added slide	
No.92		**Slide Notes Extension**	Added slide	
No.93		5. Risk Treatment	Added slide	
	No.79	Risk Treatment Process	Deleted slide	
No.94	No.80	5.1. Risk treatment options	Slide 80 of v4.0 has been replaced by slide 95 of v4.1	
No.95	No.81	Risk Treatment Options	Slide 81 of v4.0 has been replaced by slide 96 of v4.1	
No.96	No.86	5.1.1 Risk Modification	Subtitle has changed to: 5.1.1 Risk Modification	
No.97-98	No.87	Risk Modification	Slide 87 of v4.0 has been replaced by slides 98 and 99 of v4.1	
No.99	No.90	5.1.2 Risk Retention	Subtitle has changed to: 5.1.2 Risk Retention	
No.100	No.82	5.1.3 Risk Avoidance	Subtitle has changed to: 5.1.3 Risk Avoidance References have been added in the notes section	
No.102	No.88	5.1.4 Risk Sharing	Slide 88 of v4.0 has been replaced by slide 103 of v4.1	
No.104	No.91	Risk Denial	Subtitle has changed to: Risk Denial	
No.106	No.93	5.2. Risk Treatment Plan	Subtitle has changed to: 5.2. Risk Treatment Plan Information on the notes have been replaced	
No.107	No.95	Risk Treatment Plan	Updated dates on the 6th column of the table	
No.110	No.97	Evaluation of residual risk	Subtitle has changed to: Evaluation of residual risk References have been added on slide	

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	No.98	5.3. Evaluation of residual risk	Deleted slide	
	No.99	Residual risk example	Deleted slide	
	No.100	Residual risk example(cont)	Deleted slide	
	No.101	Residual Risk	Deleted slide	
No.111	No.102	Residual Risk	Definition of inherent risk has been updated to: All risks that exist before considering controls and measures	

Day 3:

Slide Number				
Current Version	Previous version	Slide Description:	Modifications:	Comments
No.1	No.1	Schedule for Day 3	Day 3 now contains only 3 sections related to: • Risk acceptance • Risk communication and consultation • Risk monitoring and review	
No.2	No.2	Section 12/ Risk acceptance	More information has been added in this section related to: a. Risk acceptance principles b. Risk treatment plan acceptance c. Residual risk acceptance d. Management of residual risk	

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No.3	No.3	6. Risk Acceptance	Subtitle has changed to: 6. Risk Acceptance Notes have been replaced and main objectives have been added on the notes section	
No.5	No.5	Risk acceptance	Slide 5 of v4.0 has been replaced by slide 5 of v4.1	
No.6		Risk Acceptance Principles	Added slide	
	No.6	10.1. Risk Treatment Plan Acceptance	Deleted slide	
No.7		6. Risk Acceptance	Added slide	
No.8	No.7	6.1 Risk Treatment Plan Acceptance	Subtitle has changed to: 6.1 Risk Treatment Plan Acceptance The slide has been redesigned and information from ISO 27005 has been added on the notes section	
No.9	No.8	Risk Treatment Plan Acceptance	Subtitle has changed to: Risk Treatment Plan Acceptance Iinformation from ISO 27005 has been added on the notes section	
No.10	No.9	6.2. Residual Risk Acceptance	Subtitle has changed to: 6.2. Residual Risk Acceptance	
No.11	No.10	Acceptance of risk that does not meet risk acceptance criteria	References have been added on the notes section	

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No.14	*No.13*	*Section 13/ Risk communication and consultation*	*More information has been added in this section related to:* a. *ISO 31000 recommendations* b. *Principles of an efficient communication strategy* c. *Risk Communication Objectives* d. *Risk Communication and Perception of Risk* e. *Communication plan* f. *Records of decisions & communications*	
No.15	*No.14*	*7. Risk Communication and Consultation*	*Subtitle has changed to:* *7. Risk Communication and Consultation* *Main objectives have been added on the notes section*	
No.16	*No.16*	*ISO 31000 Recommendations*	*Slide 16 of v4.0 has been replaced by slide 16 of v4.1*	
No.18		*Communication and consultation*	*Added slide*	
No.19	*No.18*	*Importance of Communication*	*Information on the notes section has been replaced*	
No.20	*No.19*	*Communication and consultation*	*Slide 19 of v4.0 has been replaced by slide 20 of v4.1*	
No.22	*No.15*	*7. Risk Communication and Consultation*	*Slide 15 of v4.0 has been replaced by slide 22 of v4.1*	
No.23	*No.22*	*7.1 Defining Risk Communication Objectives*	*Slide 22 of v4.0 has been replaced by slide 23 of v4.1*	
No.24	*No.87*	*Risk Communication*	*Slide 87 of v4.0 has been replaced by slide 24 of v4.1*	
No.26	*No.24*	*Risk Communication and Perception of Risk*	*Slide 24 of v4.0 has been replaced by slide 26 of v4.1*	
No.27	*No.25*	*7.2 Establishing a Risk Communication Plan*	*Slide 25 of v4.0 has been replaced by slide 27 of v4.1*	
No.28	*No.26*	*Continual communications*	*Information on the notes section has been replaced*	

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			Subtitle has changed to: 7.3. Establishing External Communication and Reporting Mechanisms	
No.29	No.27	7.3. Establishing External Communication and Reporting Mechanisms	Subtitle has changed to: 7.3. Establishing External Communication and Reporting Mechanisms	
No.31	No.29	Effective Communication with Stakeholders	References have been added on the notes section	
No.32		Principles of an Effective Communication with Stakeholders	Added slide	
No.33		Principles of an Effective Communication with Stakeholders	Added slide	
No.34		Principles of an Effective Communication with Stakeholders	Added slide	
No.35		Principles of an Effective Communication with Stakeholders	Added slide	
No.36		Principles of an Effective Communication with Stakeholders	Added slide	
No.40	No.33	7.4. Establishing External Communication and Reporting Mechanisms	Subtitle has changed to: 7.4. Establishing External Communication and Reporting Mechanisms References have been added on the notes section	
No.42-46	No.35-38	All slides	Slides from 35 to 38 of v4.0 have been replaced by slides from 42 to 46 of v4.1	
No.47	No.39	7.5. Recording of Decisions & Communications	Slide 39 of v4.0 has been replaced by slide 47 of v4.1	
No.49	No.41	Exercise 9	Exercise 7 is now exercise 9	
No.50	No.42	7.6 Risk Management Documentation	Subtitle has changed to: 7.6 Risk Management Documentation	
No.51	No.43	Risk Management Documentation	Slide 43 of v4.0 has been replaced by slide 51 of v4.1	
No.52	No.44	Risk Management Documentation	Slide 44 of v4.0 has been replaced by slide 52 of v4.1	

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No.56	*No.45*	*Value of Documentation*	*In the notes section point d) has changed to:* *d) Evaluate the effectiveness and continued relevance of the risk management process*	
No.59	*No.51*	*Documentation Management*	*Slide 51 of v4.0 has been replaced by slide 59 of v4.1*	
No.64	*No.56*	*Exercise 10*	*Exercise 8 is now exercise 10*	
No.66	*No.58*	*Section 14/ Risk Monitoring and review*	*New information such as: ISO 31000 recommendations has been added in this section*	
No.67	*No.59*	*PECB Risk Management Framework*	*Subtitle has changed to: PECB Risk Management Framework Main objectives have been added on the notes section*	
	No.61	*Risk Management Monitoring and Review*	*Deleted slide*	
No.68-69	*No.62*	*ISO 31000 Recommendations*	*Slide 2 of v4.0 has been replaced by slides 68 and 69 of v4.1*	
No.71	*No.63*	*Risk Monitoring and Review*	*Slide 63 of v4.0 has been replaced by slide 71 of v4.1*	
No.72	*no.64*	*Risk Monitoring and Review*	*Information on the notes has been replaced*	
No.73		*Risk Monitoring and Review*	*Added slide*	
No.74		*8. Risk Monitoring and Review*	*Added slide*	
No.75		*8.1 Monitoring and Review of the Framework*	*Added slide*	
No.76		*8.1.1 Accountability*	*Added slide*	
No.77		*8.1.2 Establish a Baseline*	*Added slide*	
No.78		*Establish a Baseline - Example*	*Added slide*	
No.79		*8.1.3 Assess whether the Characteristics and Context of the Organization have Changed*	*Added slide*	
No.80		*8.1.4 Review of the Framework*	*Added slide*	

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No.81		8.2 Monitoring and Review of the Process	Added slide	
No.82		8.2.1 Accountability	Added slide	
No.83		8.2.2 Learning from Experience	Added slide	
No.84		8.2.3 Approaches for Monitoring	Added slide	
No.85		Performance Indicators	Added slide	
No.86		Performance Management	Added slide	
No.87		8.2.4 Review	Added slide	
No.88		Review	Added slide	
	No.65	Risk Management Monitoring and Review	Deleted slide	
No.89	No.66	Risk Monitoring and Review	Subtitle has changed to: Risk Monitoring and Review Information has been added on the notes section	
No.90	No.67	Risk Monitoring and Review- Example	Subtitle has changed to" Risk Monitoring and Review- Example	
No.91	No.68	8.3 Set Improvement Objectives	Redesigned slide Subtitle has changed to: 8.3 Set Improvement Objectives	
No.93	No.70	8.4 Risk Management Continual Improvement	Subtitle has changed to: 8.4 Risk Management Continual Improvement Typo improvements on the notes section	
No.94	No.71	Risk Management Continual Improvement	Slide 71 of v4.0 has been replaced by slide 94 of v4.1	
No.95	No.72	Risk Management Continual Improvement	Subtitle has changed to : Risk Management Continual Improvement	
No.96		Risk Management Continual Improvement	Added slide	
No.97		Risk Management Continual Improvement	Added slide	
No.98	No.73	Risk Management Continual Improvement	Information has been added on the notes section	

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No.99	No.74	8.4.1 Continuous Monitoring Process of Change Factors	Subtitle has changed to: 8.4.1 Continuous Monitoring Process of Change Factors	
No.100	No.75	8.4.2 Maintenance and Improvement of the RM	Subtitle has changed to: 8.4.2 Maintenance and Improvement of the RM	
No.101	No.76	8.4.3 Continual Update of the Documentation and Records	Subtitle has changed to: 8.4.3 Continual Update of the Documentation and Records	
No.102	No.77	8.4.4 Document the Improvements	Subtitle has changed to: 8.4.4 Document the Improvements	
No.103	No.78	8.5 Recording the Risk	Subtitle has changed to: 8.5 Recording the Risk	
No.105	No.80	Importance of Recording	Redesigned slide	
No.106	No.81	Records	Slide 81of v4.0 has been replaced by slide 106 of v4.1	
No.107	No.82	Exercise 11	Exercise 9 is now exercise 11	
	No.84-96	Section 14/ Risk types	This section has been moved to Day 1	

Day 4:

Slide Number		Slide Description:	Modifications:	Comments
Current Version	Previous version			
No.1	No.1	Schedule for day 4	Sections names have changed to : • Risk assessment techniques based on ISO 31010(part 1) • Risk assessment techniques based on ISO 31010 (part 2) • Competence, evaluation and closing the training	

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No.2	*No.2*	*Section 15/ Risk assessment techniques based on ISO 31010 (part 1)*	*Sections name has changed to:*
			Risk assessment techniques based on ISO 31010 (part 1)
			Information of the section has been updated to:
			    a. *ISO 31010 Risk assessment techniques*
			    b. *Brainstorming*
			    c. *DELPHI technique*
			    d. *HAZOP – Hazard & Operability Analysis*
			    e. *HACCP - Hazard Analysis Critical Control Point*
			    f. *Decision tree analysis*
			    g. *Bow tie analysis*
			    h. *Root cause analysis*
			    i. *Business impact analysis*	

No.3		*IEC/ISO 31010- Risk Assessment Techniques*	*Added slide*	
No.4		*IEC/ISO 31010- Risk Assessment Techniques*	*Added slide*	
	No.3	*Tools used for Risk Assessment - ISO 31010*	*Deleted slide*	
No.5	*No.4*	*A. Brainstorming*	*Slide 4 of v4.0 has been replaced by slide 5 of v4.1*	
No.6	*No.5*	*Brainstorming*	*First row on the notes section has been replace by:* *Alex Osborn was the founder and CEO of marketing firm BBDO. Osborn was frustrated by his employee's inability to develop creative ideas for ad campaigns and products working on their own.*	
No.10	*No.9*	*Brainstorming*	*Modifications on slide* *Advantages and disadvantages have been changed to:* *Strengths and limitations*	

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No.11	No.10	B. Delphi Technique	Slide 10 of v4.0 has been replaced by slide 11 of v4.1	
No.12	No.11	Delphi Technique	References have been added on the notes section	
No.16	No.15	Delphi Technique	Modifications on slide Advantages and disadvantages have been changed to: Strengths and limitations	
No.17	No.16	C. HAZOP – Hazard & Operability Analysis	Slide 16 of v4.0 has been replaced by slide 17 of v4.1	
No.18	No.17	HAZOP	References have been updated on the notes section	
No.19	No.18	HAZOP	Information on the notes section has been replaced	
No.20		**Slide Notes Extension**	Added slide	
No.21	No.19	HAZOP	Information on the notes has been replaced	
No.26	No.24	HAZOP	Modifications on slide Advantages and disadvantages have been changed to: Strengths and limitations	
No.27	No.25	D. HACCP - Hazard Analysis Critical Control Point	References on the notes have been updated And subtitle has changed to: D. HACCP - Hazard Analysis Critical Control Point	
No.28	No.26	HACCP	References have been added on the notes section	
No.29	No.27	HACCP	Slide 27 of v4.0 has been replaced by slide 29 of v4.1	
No.33	No.31	HACCP	Modifications on slide Advantages and disadvantages have been changed to: Strengths and limitations	

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No.35	*No.33*	*Decision tree analysis*	*References included on the notes section*	
No.36	*No.34*	*Decision tree analysis*	*Slide 34 of v4.0 has been replaced by slide 36 of v4.1*	
No.37	*No.35*	*Decision tree analysis*	*Modifications on slide* *Advantages and disadvantages have been changed to:* *Strengths and limitations*	
	No.36	*F. Tornado diagrams*	*Deleted slide*	
	No.37	*Tornado diagrams*	*Deleted slide*	
No.38	*No.38*	*F. Bow tie analysis*	*Slide 38 of v4.0 has been replaced by slide 38 of v4.1*	
No.39	*No.39*	*Bow tie analysis*	*References included on the notes section*	
No.40	*No.40*	*Bow tie analysis*	*Notes have been replaced*	
No.41	*No.41*	*Bow tie analysis*	*Modifications on slide* *Advantages and disadvantages have been changed to:* *Strengths and limitations*	
No.42		*G. Root Cause Analysis*	*Added slide*	
No.43		*Root Cause Analysis*	*Added slide*	
No.44		*Root Cause Analysis*	*Added slide*	
No.45		*Root Cause Analysis*	*Added slide*	
No.46		*H. Business Impact Analysis*	*Added slide*	
No.47		*Business Impact Analysis*	*Added slide*	
No.48		*Business Impact Analysis*	*Added slide*	
No.49		***Slide Notes Extension***	*Added slide*	
No.50		*Business Impact Analysis*	*Added slide*	
No.51		*Exercise 12*	*Added exercise*	

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No.53	*No.43*	*Section 16/ Risk assessment techniques based on ISO 31010 (part 2)*	*Section name has changed to: Risk assessment techniques based on ISO 31010 (part 2)*	
	No.44	*Tools used for Risk Assessment - ISO 31010*	*Deleted slide*	
No.59	*No.50*	*Scenario Analysis*	*Slide 50 of v4.0 has been replaced by slide 59 of v4.1*	
No.60	*No.51*	*B. FMEA and FMECA*	*This sentence is added on slide:* *FMEA is strongly applicable to be used during the risk analysis and risk evaluation process*	
No.67	*No.58*	*FMEA and FMECA*	*Modifications on slide* *Advantages and disadvantages have been changed to: Strengths and limitations*	
No.68	*No.69*	*C. Fault Tree Analysis (FTA)*	*The first sentence on the slide has been modified to: FTA is used to identify the causes of problems within a process and helps identify areas of concern for new product design or for improvement of existing products. FTA is strongly applicable for determining the probability of risk*	
No.70	*No.61*	*Fault Tree Analysis (FTA)*	*Notes have been replaced*	
No.75	*No.66*	*Fault Tree Analysis (FTA)*	*Modifications on slide* *Advantages and disadvantages have been changed to: Strengths and limitations*	
No.76	*No.67*	*D. Cause and Effect Analysis*	*Slide 67 of v4.0 has been replaced by slide 76 of v4.1*	
No.78	*No.69*	*Cause and Effect Analysis*	*References included on the slide*	

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No.79	No.70	Cause and Effect Analysis	Notes that were in this slide have been deleted because they have been moved to slide 84	
No.84	No.75	Cause and Effect Analysis	Added notes	
No.85	No.76	Cause and Effect Analysis	Modifications on slide Advantages and disadvantages have been changed to: Strengths and limitations	
No.86		E. Consequence/probability matrix	Added slide	
No.87	No.78	Consequence/probability matrix	References included in the notes section	
No.88	No.77	Probability criteria matrix - Example	Slide 77 of v4.0 has been replaced by slide 88 of v4.1	
No.89	No.79	Consequence/probability matrix	Notes have been replaced	
No.90		**Slide Notes Extension**	Added slide	
No.91	No.80	Consequence/probability matrix	Modifications on slide Advantages and disadvantages have been changed to: Strengths and limitations	
No.92	No.81	Exercise 13	Name of the exercise has changed to: Risk assessment techniques The exercise has been modified to: According to the information provided in the case study, what are the most appropriate techniques to achieve an effective risk management process	
No.96	No.85	PECB ISO 31000 Certification Scheme	ISO 31000 RM credential added on the table	

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No.98	No.87	1. Sit the PECB Exam	*The first sentence on the slide has change to:* ➢ *The objective of the exam is to ensure that candidates know and master the management of a Risk Program based on ISO 31000*	

Comments:

ISO 31000 LRM v4.1 contains added information from ISO 31004, ISO 27005 and ISO 31010.

Key changes in Day 1:
- *The 11 Risk management principles are elaborated and contain information on how these principles can be applied.*
- *The section containing information related to risk types has been moved to Day 1*
- *A section containing information related to risk management framework as specified by ISO 31000 standard is integrated on the training material*
- *PECB Risk Management framework has been updated to PECB Risk Management Process*
- *List of activities are involved in each phase of the risk management process*

Key changes in Day 2
- *Each section contains added information from ISO 31000 before the list of activities is presented*
- *COSO ERM framework is integrated on the risk identification phase*
- *Risk treatment options have been updated*

Key changes in Day 3:
- *Each section contains added information from ISO 31000 before the list of activities is presented*
- *Principles of an effective communication with stakeholders are now integrated on the training material*
- *New information regarding to risk monitoring and review is integrated on the training material. All the information is based on ISO 31000 annex*

Key changes in Day 4
- *New risk assessment techniques based on ISO 31010 have been integrated in the training material*