

# Introduction to new ISO CPTED Standard (22341:2021)

## Free webinar

For planners, architects, police, community safety, security services and other crime prevention professionals

### Presenter:

Dr Terence Love

Design Out Crime and CPTED Centre

Welcome

Welcome to this free webinar.

Presents an overview of the first international CPTED Standard:

**ISO 22341:2021 "*Security and resilience — Protective security — Guidelines for crime prevention through environmental design*"**

Presentation: 30 minutes

## Topics in webinar

- Reasons for creation of ISO CPTED Standard (22341:2021) *"Security and resilience — Protective security — Guidelines for crime prevention through environmental design"*
- History
- Benefits for planning authorities
- Benefits for urban planners
- Benefits for architecture and building control professionals
- Benefits for community safety and security services
- Overview of new ISO Standard (**ISO 22341:2021**) *"Security and resilience — Protective security — Guidelines for crime prevention through environmental design"*
- Q&A



## Why was ISO 22341:2021 created?

- The previous European CPTED Standards CEN/TR 14383:2:2007 had been delayed, are expensive and are not well adopted
- Increasing research evidence for and against specific CPTED strategies
- The improvement of CPTED benefits has been found to primarily depend on improved organisation, process, documentation and standardisation
- Research has indicated some common CPTED practices and beliefs could be improved and some dropped
- Increased evidence of importance of social and ecological factors in crime prevention as important as physical factors
- Numerous outdated CPTED guidelines are in circulation and a standard best-practice reference was needed
- World-wide need of Planning Authorities for a standard best-practice CPTED guideline reference text rather than creating ad-hoc CPTED guidelines 'in-house'



## History

- European CEN/TR CPTED standards (incomplete) were developed at end of 20<sup>th</sup> Century: led by Bo Grönlund (Denmark), Paul van Soomeren (Netherlands) and Tim Pascoe (UK)
- Revised into Korean Standard KS A 8800:2008
- CEN/TR standard development is continued by EU AGIS chaired by Clara Cardia and Umberto Nicolini (Italy) and Francois Wellhoff (France) via an EU funded COST-action, TU 1203
- ISO CPTED 22341:2021 was developed by ISO expert committee, ISO/TC 292: Security and Resilience, chaired by Dr Hyeonho Park (Korea) and undertaken by SIS (Sweden) supported by experts from Standardisation Committee of the International CPTED Association: released March 2021.
- ISO 22341 builds on ISO 31000 for Risk Management and is to be read in conjunction with it.



## Benefits for Planning Authorities

Benefits from adoption of CPTED Standard (ISO 22341:2021) include:

- Internationally-agreed CPTED guidelines for planners and architects for achieving best planning outcomes
- Simplifies planning policies, e.g., *'All development processes must include and comply with ISO 22341:2021'*
- Provides standard organisational structures, CPTED processes and basis for documentation for all CPTED in new developments and existing built environments
- Provides comprehensive best-practice basis for national CPTED guidelines for planning development approvals





## Benefits for Urban Planners

Benefits for urban planners and architects from adoption of CPTED Standard (ISO 22341:2021) include:

- International best-practice in CPTED
- Simplifies fulfilling CPTED aspects of planning development applications, e.g. 'CPTED Report for Development has been undertaken in compliance with ISO 22341:2021'
- Provides standard organisational structure, CPTED process and basis for documentation for all forms of CPTED in both new developments and management of existing built environment



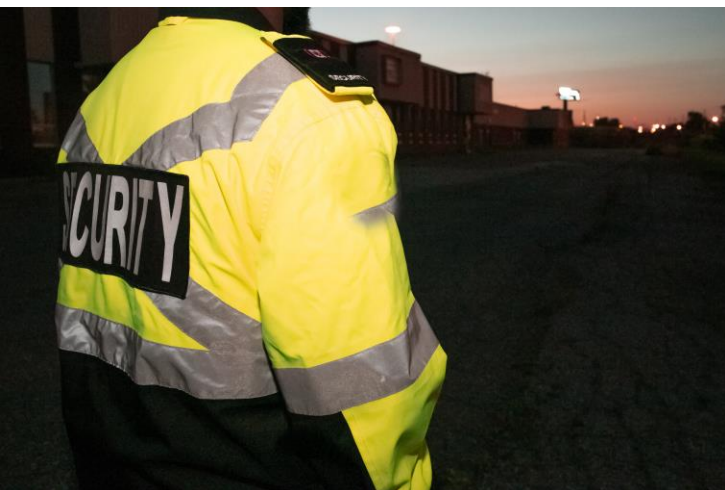
## Benefits for architects, developers and building control professionals

Architects, developers and building control professionals are typically involved with design of new buildings and modification to existing buildings.

Benefits from specifying CPTED Standard (ISO 22341:2021) include:

- Architects can use and claim international best of class CPTED practices
- Simplifies fulfilling CPTED aspects of architecture designs and development applications, e.g. 'Attached CPTED Report for Development has been undertaken in compliance with ISO 22341:2021'
- Simplifies building control criteria and policies, e.g. 'All developments must include and comply with ISO 22341:2021'
- Provides standard organisational structure, CPTED processes and basis for documentation for all CPTED in new buildings and modifications to existing built environment





## Benefits for community safety and security services and police

Community safety and security professionals and police' focus on reducing crime and fear of crime in existing built environment.

Benefits from using ISO CPTED Standard (ISO 22341:2021) include:

- Provides standard CPTED process, project structure and basis for documentation for CPTED to address:
  - Local crime problems
  - Anti-social behaviour problems
  - Local fear of crime issues
- Process provides professional justifiable decisions for community safety and security services and policing strategies
- Simplifies community safety and security services operational project planning and policies, e.g. '*Community Safety and Security services planning and strategies conform with ISO 22341:2021*'

# Overview of ISO 22341:2021

CPTED developments in **ISO 22341:2021** include:

- Formal definition of CPTED process and organisation
- Separate formal CPTED processes for:
  - New developments
  - Existing built environment
- Inclusion of **social** CPTED factors alongside **physical** CPTED factors in CPTED processes
- CPTED processes and strategies are grounded on:
  - Balanced CPTED approach
  - Risk Management (ISO 31000)
  - Evidence-based knowledge
  - Consultation and involvement of interested parties and stakeholders
  - Cost-effectiveness
  - ROI
  - CPTED management
  - Inclusion of sustainability, community resilience, adaptive application, and ecological planning

# New focus on CPTED PROCESS

Environmental context of  
crime and security risk

Basics of CPTED and  
CPTED Strategies

CPTED  
PROCESS

General Principles of CPTED Process

## Three challenges addressed by CPTED

The new ISO CPTED Standard addresses three challenges:

- Criminal offences (officially recorded by the police)
- Antisocial behaviour (disorder)
- Fear of crime

In ISO 22341, the strategies and CPTED processes for each of the above are **different**.

# Different CPTED for new and existing developments and land uses

The ISO CPTED standard also has **different CPTED processes** and strategies for reducing crime and security risks in:

- New developments
- Existing buildings and land uses

## Different CPTED phases

There are different CPTED processes and strategies for each of the building development phases:

- Planning issues
- Building and site design and architectural issues
- Site and social management issues





ISO Standard  
includes  
**SOCIAL**  
aspects of  
developments

The new ISO CPTED standard includes the **SOCIAL** elements of CPTED as important as **PHYSICAL** elements

ISO 22341:2021 has CPTED processes for:

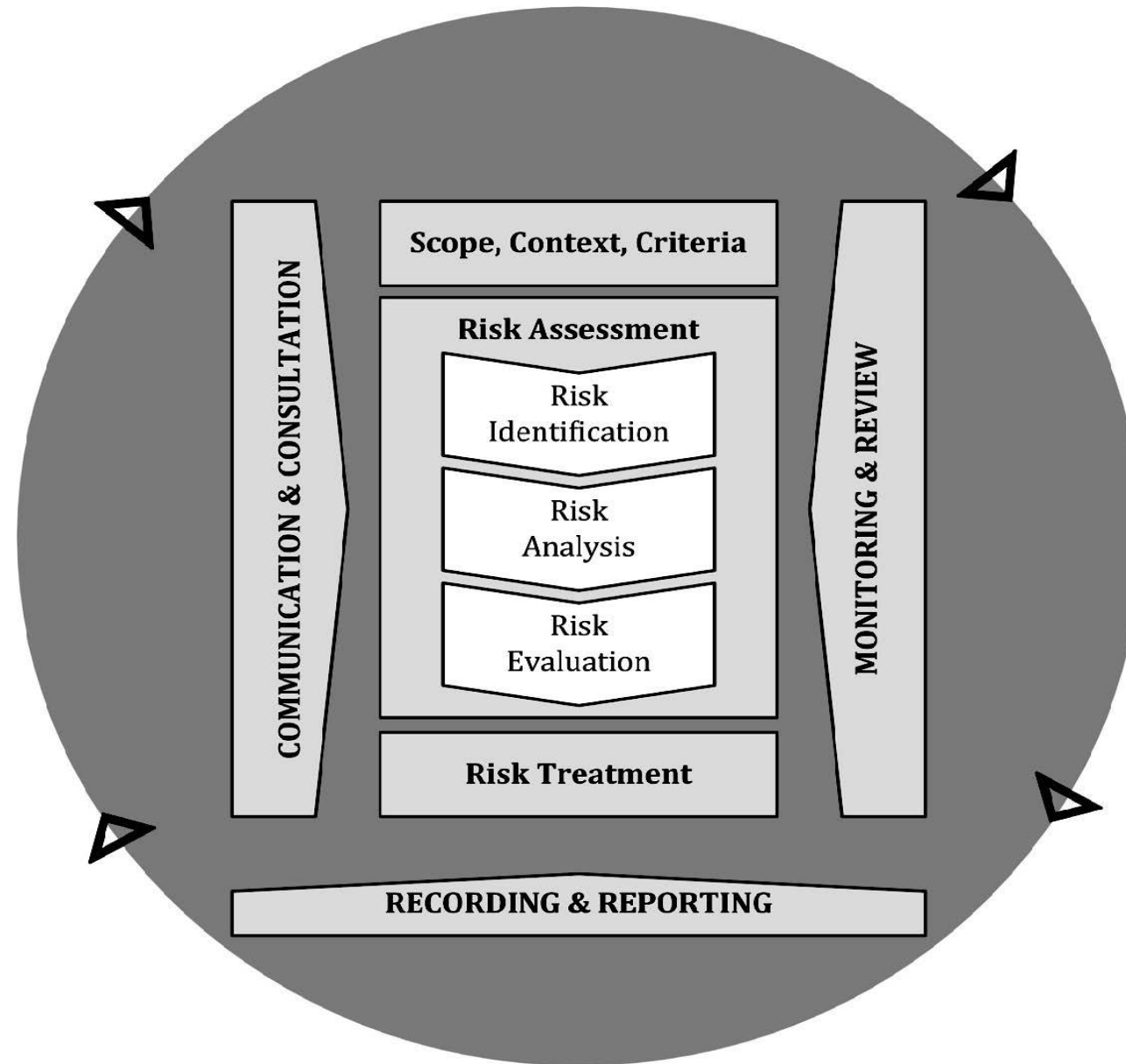
- Physical built environment
- Social built environment

Note: Our own research suggests ISO 22341:2021 is later likely to include 'Digital environment' (cyber-CPTED) and 'Rural/remote environments' (Rural/Remote CPTED) both with their own CPTED processes and strategies

# Threats, Assets and Vulnerabilities



# CPTED Processes and documentation





# Standard CPTED Documentation

Standard CPTED documentation to provide support for using ISO 22341:2021 is being developed by ourselves and others:

- CPTED project management documents
- CPTED Reports
  - Environmental context
  - Stakeholder involvement
  - Risk Assessment
  - CPTED strategies
  - Evaluation

# CPTED TRAINING FOR ISO 22341:2021

Contact the Design Out Crime and CPTED Centre for:

- CPTED training in implementing ISO 22341:2021
  - Planning authorities
  - Planners
  - Architects
  - Community Safety
  - Police
  - Security services
- Policy to include ISO 22341:2021
- Documents and records for ISO 22341:2021
- Support for CPTED projects under ISO 22341:2021

Email: [admin@designoutcrime.org](mailto:admin@designoutcrime.org)

Tel: +61 434 975 848

Via website: [www.designoutcrime.org](http://www.designoutcrime.org)

## Q&A

- Any questions?



# CPTED Resources

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# CPTED Resources

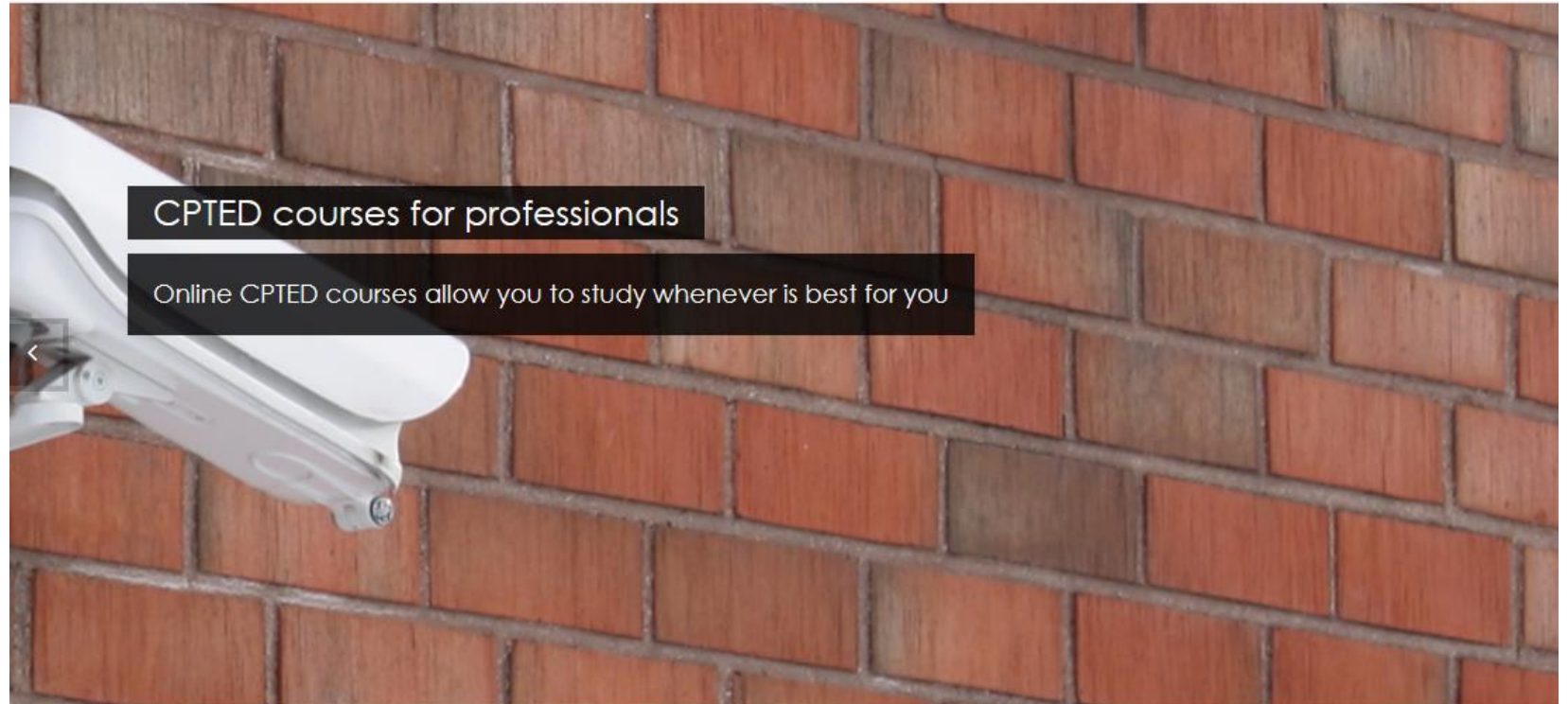
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## Design Out Crime and CPTED Centre



# CPTED Online Training and Certification

[www.CyberCPTED.org](http://www.CyberCPTED.org)



## Available courses

### Introduction to CPTED (ONLINE course with certificate)



The **Introduction to CPTED** course is a **certificated** foundation CPTED course for community safety staff, rangers, ne small business managers, and planning and architecture professionals.

The course provides a practical grounding in CPTED principles to reduce crime. There are 10 lessons each with a C

***“The best available  
synthesis of information on  
CPTED’***

from [www.praxiseducation.com](http://www.praxiseducation.com) or [www.designoutcrime.org](http://www.designoutcrime.org)





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