



# Primary Prevention Meeting

28 May 2021, 13:00-16:00 CEST

Virtual

## Sunbed regulation and Europe's Beating Cancer Plan

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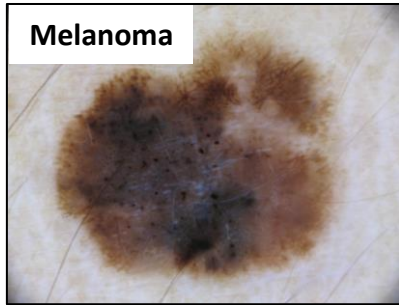
Press release | 3 February 2021 | Brussels

# Europe's Beating Cancer Plan: A new EU approach to prevention, treatment and care

The Commission will also explore **measures on exposure to ultraviolet radiation**, including **from sunbeds**, which increases the risk of **melanoma**, the most serious form of skin cancer

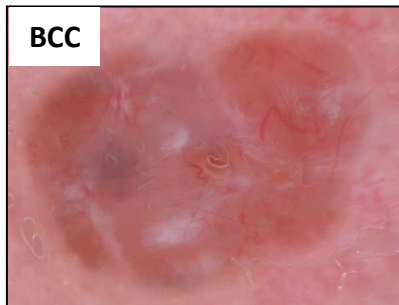


# INCREASED RISK (average)



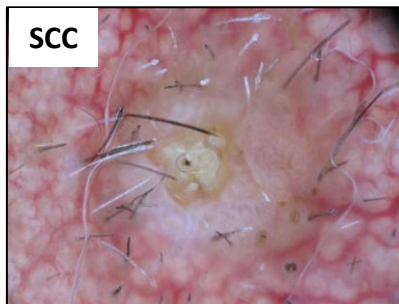
20%

70%



30%

40%



70%

100%

# Sunbed regulation in Europe

## harmonized European standard EN 60335-2-27:2013

EUROPEAN STANDARD	<b>EN 60335-2-27</b>
NORME EUROPÉENNE	
EUROPÄISCHE NORM	December 2013
ICS 13.120; 97.170	Supersedes EN 60335-2-27:2010
English version	
Household and similar electrical appliances - Safety - Part 2-27: Particular requirements for appliances for skin exposure to ultraviolet and infrared radiation (IEC 60335-2-27:2009, modified)	

≤ 300 mW/m<sup>2</sup> of total effective irradiance

## restrictions for minors and fair-skinned individuals



for a subset of countries

## ➔ Low compliance with legislation

- malfunctioning/obsolete sunbeds
- no warning signs
- inappropriate use by customers

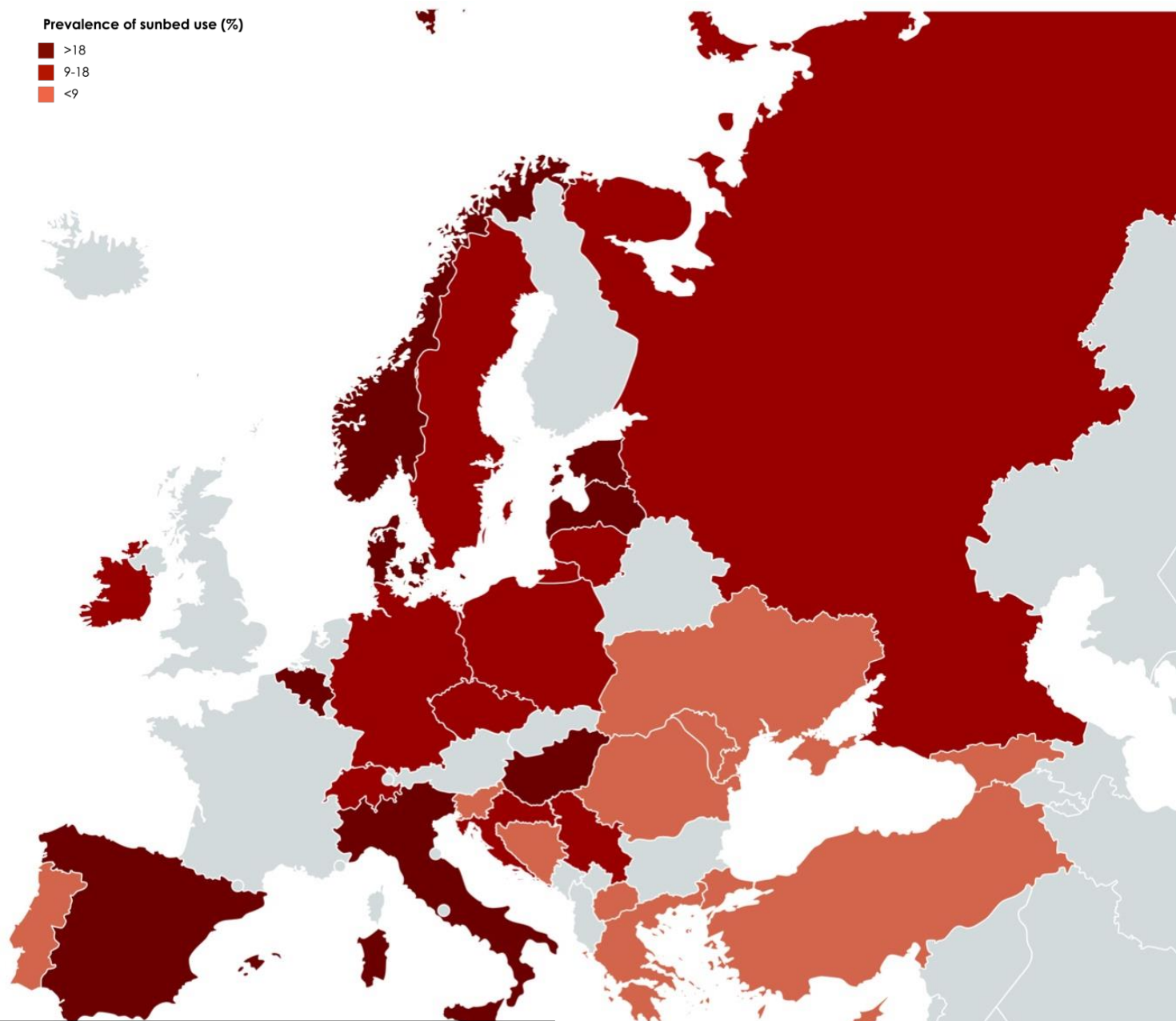
➔ There is **no safe limit** for exposure to UV radiation by sunbeds!

Legislative measures taken in Europe are **insufficient!**

# VARIABILITY OF SUNBED USE PREVALENCE ACROSS COUNTRIES

	%	Latitude
Belgium	26,5	50.85
Latvia	25,2	57.00
Denmark	24,2	55.72
Norway	22,2	61.00
Italy	20,5	41.90
Hungary	20,4	47.43
Spain	19,3	40.43
Estonia	18,1	59.00
Sweden	16,9	59.35
Poland	15,3	52.22
Lithuania	14,7	55.00
Ireland	13,1	53.34
Croatia	12,5	45.80
Czech Rep.	10,5	49.75
Germany	10,5	52.52
Serbia	10,1	44.80
Russia	10,0	60.00
Switzerland	9,1	46.83
Romania	6,0	44.41
Slovenia	6,0	46.05
Cyprus	5,7	35.00
Bosnia Herz.	5,1	44.00
Macedonia	4,6	41.60
Moldavia	3,6	47.00
Greece	3,0	39.00
Ukraine	2,5	49.00
Portugal	2,0	38.70
Georgia	1,4	42.00
Turkey	1,0	39.92
Malta	0,5	35.88

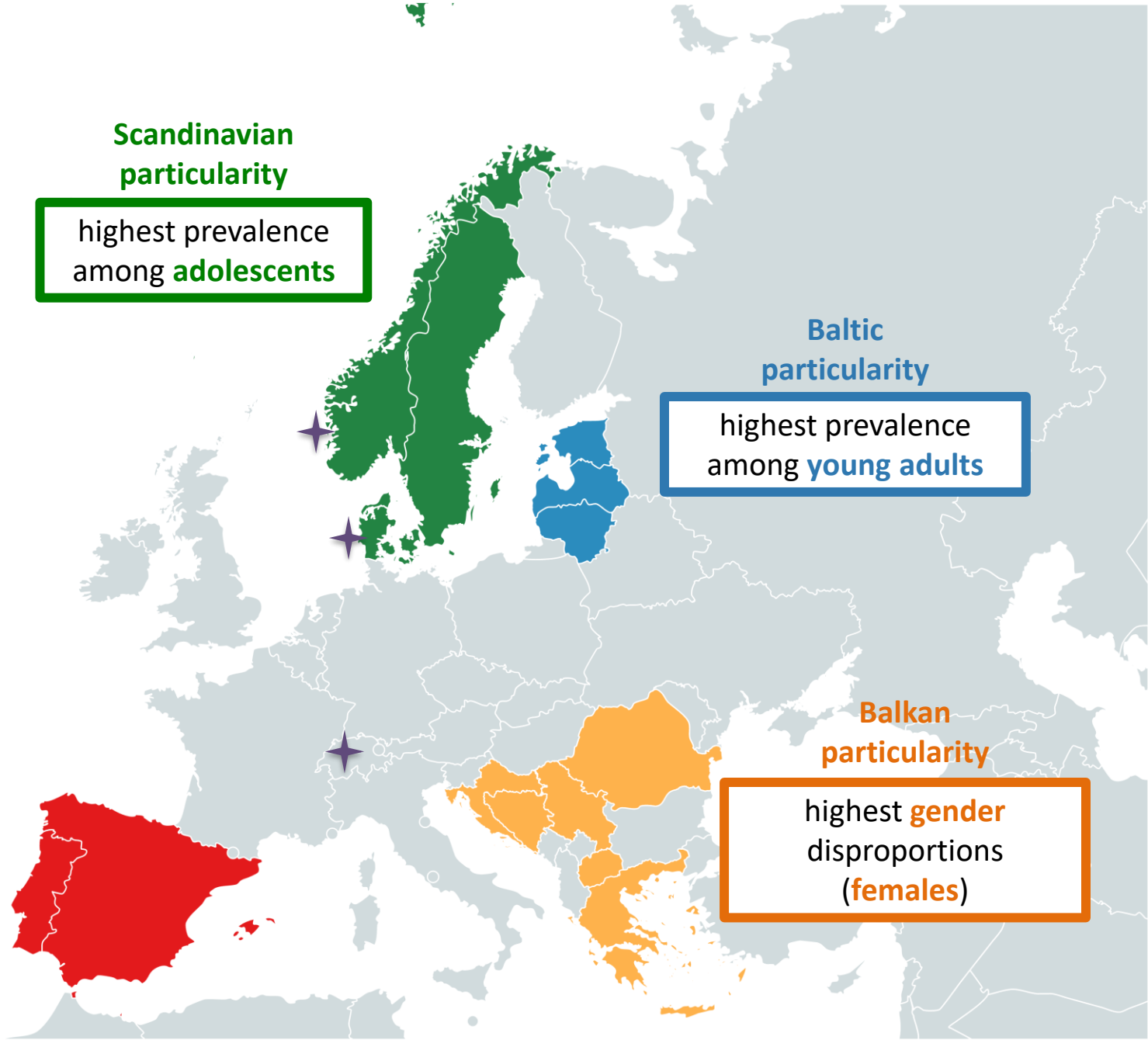
Prevalence of sunbed use (%)



Suppa et al. JEADV 2019; 33 Suppl 2: 13-27

Particularities of sunbed use in Europe

- Iberian particularity
- Balkan particularity
- Baltic particularity
- Scandinavian particularity



Scandinavian particularity

highest prevalence among adolescents

Baltic particularity

highest prevalence among young adults

Balkan particularity

highest gender disproportions (females)

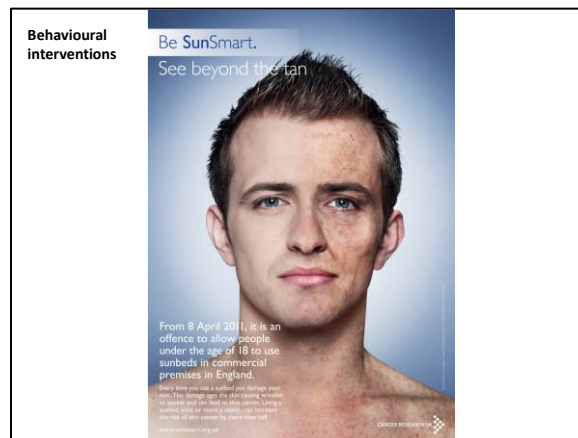
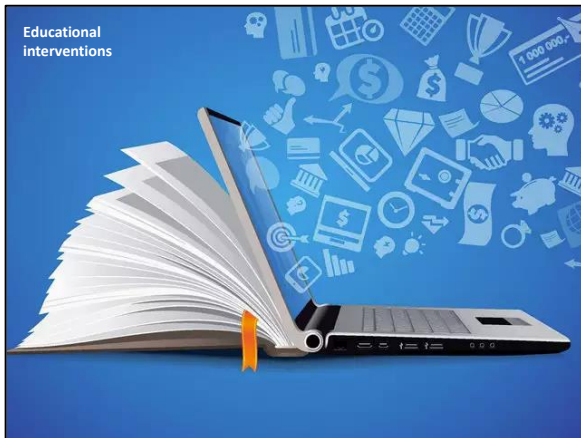
Iberian particularity

Spain 20%  
Portugal 2%

Wealth particularity  
lowest gender disproportions

# Sunbeds in Europe: what to do?

## MULTICOMPONENT INTERVENTIONS: TAILORED TO SPECIFIC POPULATIONS





**Sara Gandini**



**Véronique del Marmol**

