

UNLIMITEDSNOW

Your partner
from the start...



**Indoor Winter
Sports**

**Snow & Ice
Amusement
Parks**

**Mixed-Use
Destinations**

**FOR ALL IMAGINABLE SNOW
& ICE LEISURE EXPERIENCES**

...to finish

www.snow.biz / us@snow.biz / Tel. +31 20 4714640

Unlimited Snow Memberships:

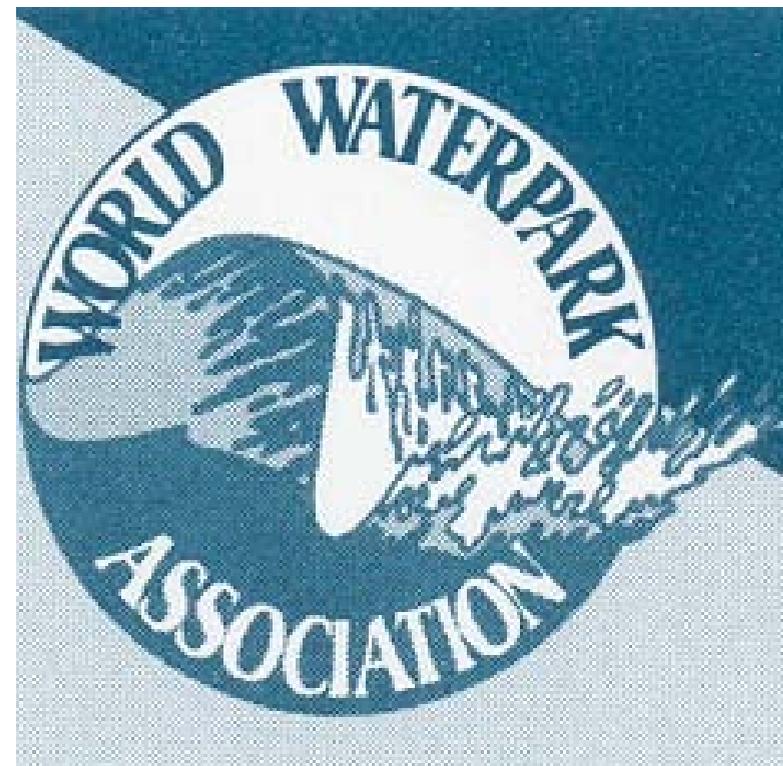
The logo for the Themed Entertainment Association (TEEA) features the acronym 'TEEA' in a large, bold, blue sans-serif font. To the left of the text are five colorful arrows pointing towards the letters: a blue arrow pointing up and right, a purple arrow pointing up and left, a green arrow pointing down and left, a red arrow pointing down and right, and an orange arrow pointing up and left.

TEEA

**THEMED
ENTERTAINMENT
ASSOCIATION**



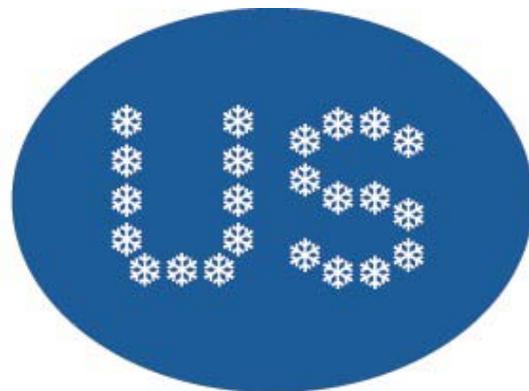
IAAPA



tlapa powder snow
 tlacringit snow that is crusted on the surface
 kayi drifting snow
 tlapat still snow
 klin remembered snow
 naklin forgotten snow
 tlamo snow that falls in large wet flakes
 tlatic snow that falls in small flakes
 tlaslo snow that falls slowly
 tlapinti snow that falls quickly
 kripya snow that has melted and refrozen
 tliyel snow that has been marked by wolves
 tliyelin snow that has been marked by Eskimos
 blotla blowing snow
 pactla snow that has been packed down
 hiryla snow in beards
 wa-ter melted snow
 tlayinq snow mixed with mud
 quinaya snow mixed with Husky shit
 quinyaya snow mixed with the shit of a lead dog
 slimtla snow that is crusted on top but soft underneath
 kriplyana snow that looks blue in the early morning
 puntla a mouthful of snow because you fibbed
 allatla baked snow
 fritla fried snow
 gristla deep fried snow
 MacTla snow burgers
 jatla snow between your fingers or toes, or in groin-folds
 dinliltla little balls of snow that cling to Husky fur
 sulitlana green snow
 mentlana pink snow
 tidtla snow used for cleaning
 ertla snow used by Eskimo teenagers for exquisite erotic rituals
 kriyantli snow bricks
 hahatla small packages of snow given as gag gifts
 semtla partially melted snow
 ontla snow on objects
 intla snow that has drifted indoors
 shlim slush
 warintla snow used to make Eskimo daiquiris
 mextla snow used to make Eskimo Margaritas
 penstla the idea of snow
 mortla snow mounded on dead bodies
 ylaipi tomorrow's snow
 nylaipin the snows of yesteryear ("neiges d'antan")
 pritla our children's snow
 nootlin snow that doesn't stick
 rotlana quickly accumulating snow
 skriniya snow that never reaches the ground

The Eskimos have a hundred words for Snow

We have only one:



UNLIMITEDSNOW

bluwid snow that's shaken down from objects in the wind
 tlanid snow that's shaken down and then mixes with sky-falling snow
 ever-tla a spirit made from mashed fermented snow, popular among Eskimo men
 talini snow angels
 priyakli snow that looks like it's falling upward
 chiup snow that makes halos
 blontla snow that's shaken off in the mudroom
 tlalman snow sold to German tourists
 tlalam snow sold to American tourists
 tlanip snow sold to Japanese tourists
 protla snow packed around caribou meat
 attla snow that as it falls seems to create nice pictures in the air
 sotla snow sparkling with sunlight
 tlun snow sparkling with moonlight
 astrila snow sparkling with starlight
 clim snow sparkling with flashlight or headlight
 tlapi summer snow
 krikaya snow mixed with breath
 ashtla expected snow that's wagered on (depth, size of flakes)
 huantla special snow rolled into "snow reefers" and smoked by wild Eskimo youth
 tla-na-na snow mixed with the sound of old rock and roll from a portable radio
 depptla a small snowball, preserved in Lucite, that had been handled by Johnny Depp
 trinkyi first snow of the year
 tronkyin last snow of the year
 shiya snow at dawn
 katiyana night snow
 tinro snow vapor
 nyik snow with flakes of widely varying size
 ragnitla two snowfalls at once, creating moire patterns
 akitla snow falling on water
 privtla snow melting in the spring rain
 chahatlin snow that makes a sizzling sound as it falls on water
 hootlin snow that makes a hissing sound as the individual flakes brush
 geltla snow dollars
 briktila good building snow
 striktla snow that's no good for building
 erolinyat snow drifts containing the imprint of crazy lovers
 chachat swirling snow that drives you nuts
 krotla snow that blinds you
 tlarin snow that can be sculpted into the delicate corsages Eskimo girls pin to their whale parkas at prom time
 motla snow in the mouth
 sotla snow in the south
 maxtla snow that hides the whole village
 tlayopi snow drifts you fall into and die
 truyi avalanche of snow
 tlapripta snow that burns your scalp and eyelids
 carpitla snow glazed with ice
 tla ordinary snow

This is not scientific but just for fun
 Inuit do combine words in their language,
 so it only seems there are so many words for snow.

Snowmaking below freezing

High and low pressure systems

Used for

ski resorts & snow domes





**Cryogenic
systems**

Snowmaking at any temperature

**Used for snow domes
(especially first layer back up)
& events**



Cryogenic snow for events (large mobile production capacity)



Snowmaking at any temperature

Flake ice systems

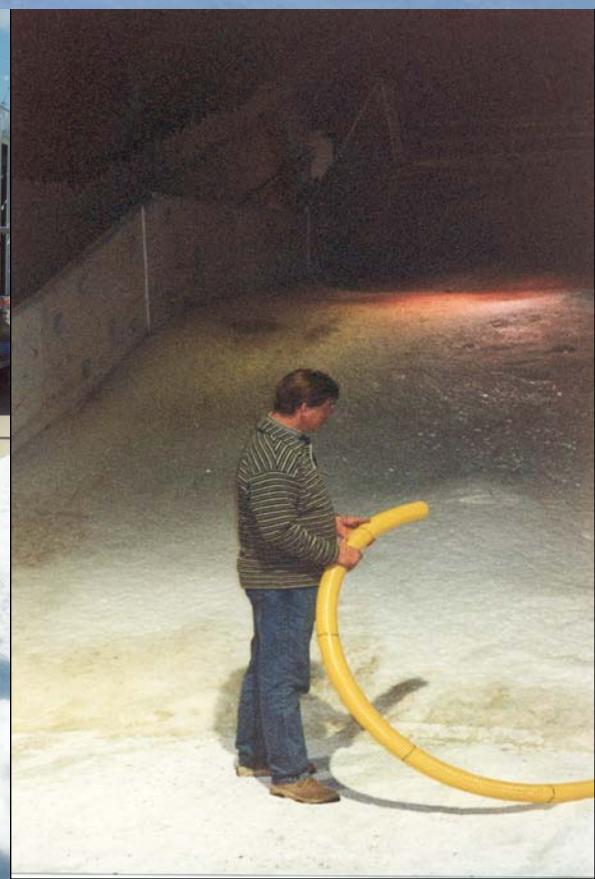
**Used for
snow domes &
events**

Fixed & mobile





Flake ice snow for events (especially multi day events)



Above freezing snowmaking Vacuum systems



Used for ski resorts & large capacities indoor & outdoor



Other above freezing systems

Used for snow domes & events:

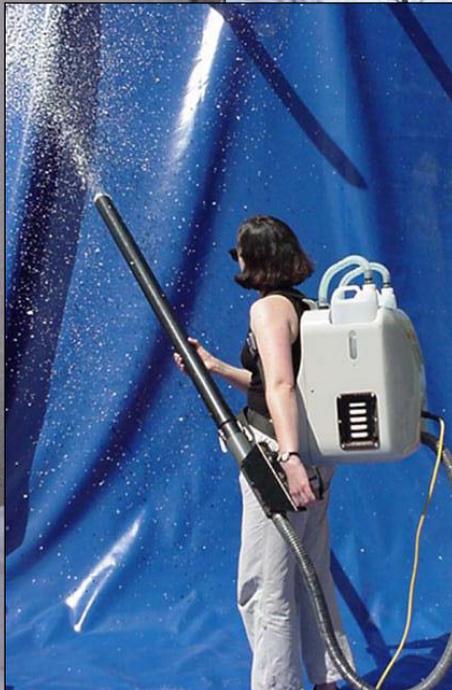
- Enclosed crystallization system
- Ice rink scraping system
- Ice cubes crushing
- Falling snow
- Polymer snow
- Themed snow





Themed snow

Used for event & film settings, snowfall effects, etc.



Polymer snow



Used for snow domes, settings and at home



Indoor Snow Centres History

	Pre 1989	1990 - '94	1995 – '99	2000- '04	2005 – '09	Post 2010	TOTAL
Asia	1	5	17	10	5	3	41
Australasia	1	1	0	1	1	0	4
Europe	3	2	9	12	11	4	41
N America	0	0	0	0	1	0	1
S America	0	0	0	0	0	1	1
TOTAL	5	8	26	23	18	8	88

Indoor Snow Centres Currently Operational

(56 in 22 Countries)

Netherlands	7
UK	6
Finland	6
China	5
Germany	5
Japan	4
India	4
Malaysia	3
Belgium	2
New Zealand	2
Brazil	1
Thailand	1
Dubai	1
France	1
Lithuania	1
Russia	1
Saudi Arabia	1
Singapore	1
South Korea	1
Spain	1
Sweden	1
Turkey	1

Schneepalast, Vienna 1927-1930



**More Than 10 Million People
Have Learned to Ski on Indoor Snow
Over 25 Years**

World's Largest Slopes by Snow Covered Area

	Centre Name	Country	Slope Area M2
	Planned Arctic World Resort	USA	37,500
1	SnowWorld Landgraaf	Netherlands	35,000
2	Alpincenter Hamburg – Wittenburg	Germany	30,000
3	Ski Dubai	UAE	27,870
4	SNORAS Snow Arena	Lithuania	25,000
5	LongZhu Hokkaido Indoor Snow	China	24,000
6	Xanadu	Spain	24,000
7	Ski Amneville	France	21,700
8	Snej.com	Russia	21,600
9	The Alpincentre	Germany	19,200
10	Allrounder	Germany	19,000
11	Skidome Ruchpen	Netherlands	15,000
12	SnowWorld Zoetermeer	Netherlands	14,400
13	Qiaobo Ice and Snow World	China	13,000
14	Ice Mountain	Belgium	10,000
15	Skidome Terneuzen	Netherlands	10,000
16	Sayama	Japan	9,600
17	ChillFactore	UK	9,500
18	Snow Valley	Belgium	9,245
19	The Snow Centre	UK	7,872
20	Snow Factor	UK	6,150

World's 20 Largest Slopes by Length

	Centre Name	Country	Slope Length (metres)
	Planned Arctic World Resort	USA	Various 100 – 450
1	The Alpincentre	Germany	640
2	Ski Amneville	France	620
3	SnowWorld Landgraaf	Netherlands	520
4	SNORAS Snow Arena	Lithuania	450
5	Ski Dubai	UAE	400
6	LongZhu Hokkaido Indoor Snow	China	380
7	Snej.com	Russia	365
8	Alpincenter Hamburg – Wittenburg	Germany	330
9	Sayama	Japan	320
10	Kamui Snowpark	Japan	300
11	Qiaobo Ice and Snow World	China	275
12	Tiger World	South Korea	270
13	Allrounder	Germany	260
14	Freeku	Japan	250
15	Madrid Snowzone	Spain	250
16	Snow Valley	Belgium	235
17	Skidome Terneuzen	Netherlands	220
18	SnowWorld Zoetermeer	Netherlands	210
19	Ice Mountain	Belgium	210
20	Snowdome de Uithof	Netherlands	200

World's Largest Slopes by Vertical Drop

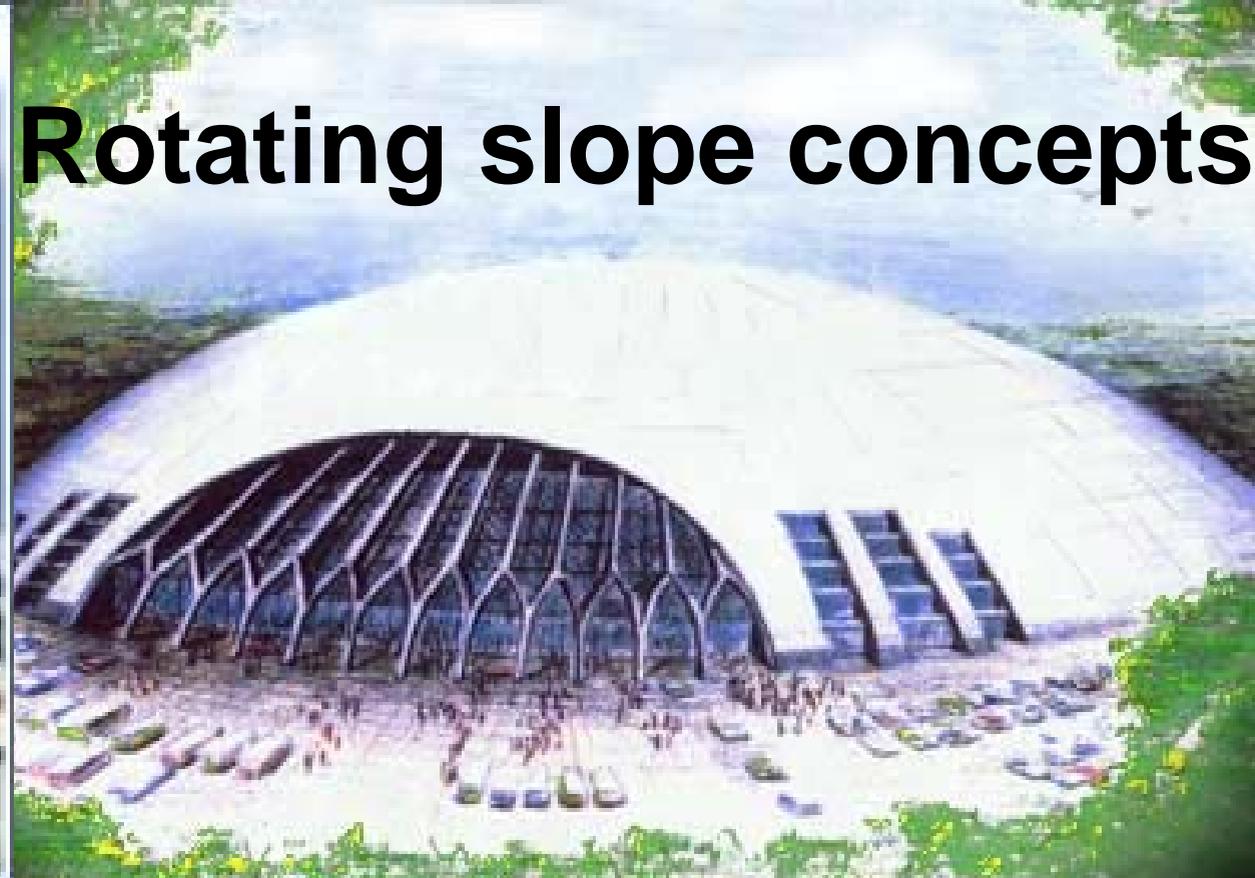
Centre Name	Country	Vertical Drop (metres)
Planned Arctic World Resort	USA	50
Ski Amneville	France	90
The Alpincentre	Germany	85
SnowWorld Landgraaf	Netherlands	80
Snej.com	Russia	68
SNORAS Snow Arena	Lithuania	66
Ski Dubai	UAE	62
Xanadu	Spain	58
Qiaobo, Beijing	China	50
Allrounder	Germany	47
Ice Mountain	Belgium	40
Snow Planet	Netherlands	40
SnowWorld Zoetermeer	Netherlands	40
LongZhu Hokkaido Indoor Snow	China	40
Sayama	Japan	36





Re-locatable structures

Rotating slope concepts



Indoor Temperature Below vs Above Freezing

Below freezing temperatures

Pro:

- Real cold experience
- Snow everywhere
- Less snowmaking
- Snow circuit
- Fun park / half pipe
- Igloo village

Con:

- Old snow
- Icy slopes
- Equipment issues
- No snowplay
- More construction issues
- More energy consumption
- Snow removal
- More condensation

Above freezing temperatures

Pro:

- More pleasant temperature
- Fresh snow
- No ice accumulation
- No equipment issues
- Snowplay
- Fewer construction issues
- Less energy consumption
- Snow removal / drainage
- Melt water recycling
- Less condensation

Con:

- More snowmaking
- Slope maintenance
- Fun park / half pipe
- Snow in limited spaces



Example skid mounted pre-fab plant room installation for an Unlimited Snow facility

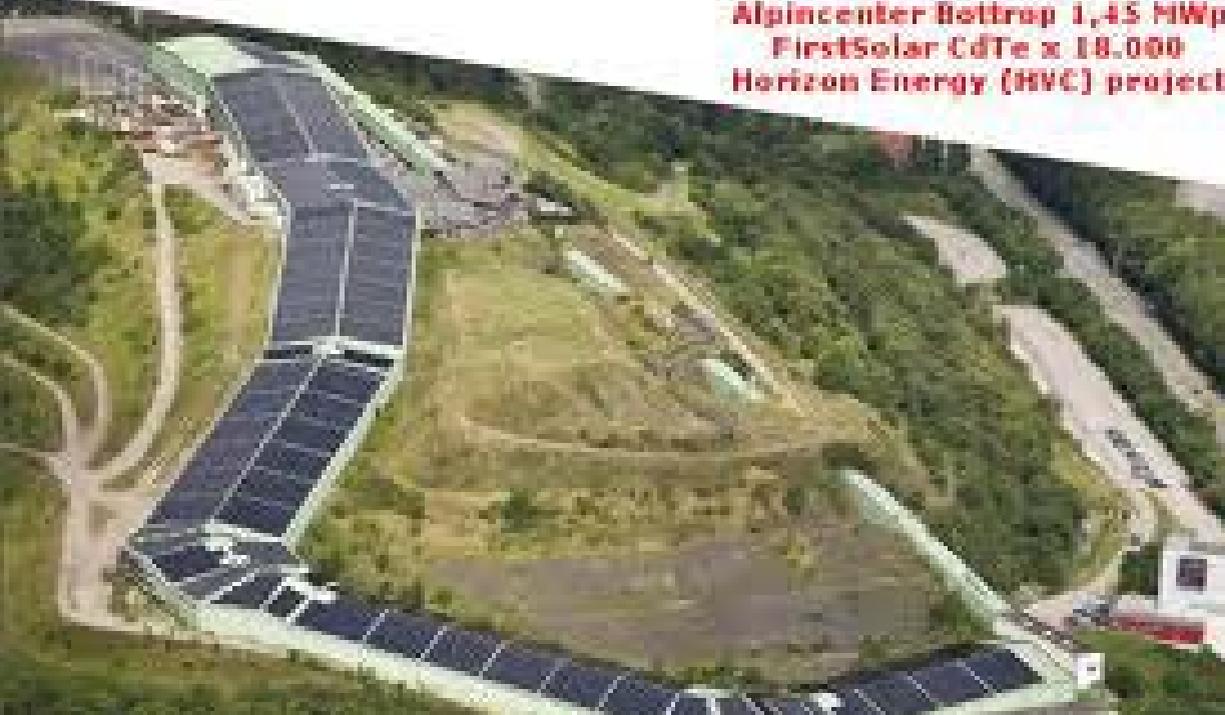


Environmental Issues



Box in box, Claim: energy consumption same as airco

18.600 solar modules covering 13.400m²
Claim: saving 1.200 tons CO₂



Alpincenter Bettrop 1,45 MWp
FirstSolar CdTe x 18.000
Horizon Energy (HVC) project



Use of excess heat for heating water park

Choice of natural gas, wind, solar, waste, bio mass, thermal

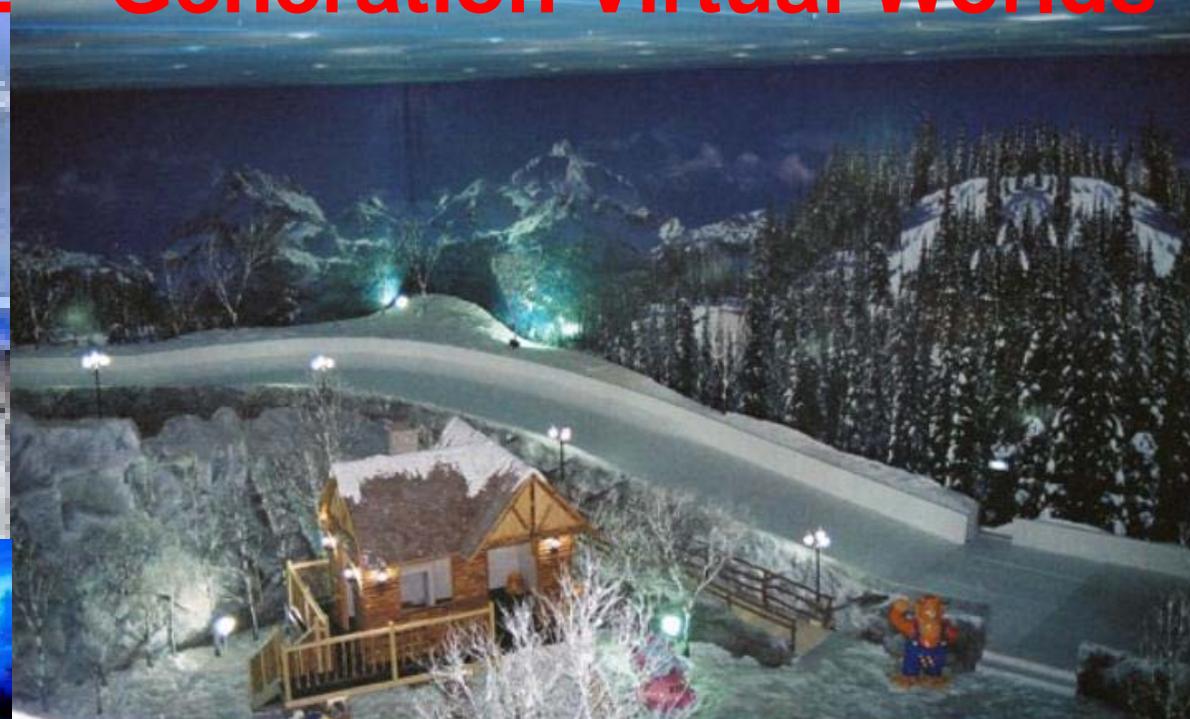


1st Generation Industrial vs 2nd Generation Virtual Worlds

Lack of Wow factor



1st Generation Industrial vs 2nd Generation Virtual Worlds



Underestimated importance of theming





Sportive
(Especially suitable for countries
with a winter sports history)

VS

Amusement
(Suitable for any market)



Feasibility considerations

- 1. Location & demographics**
- 2. Economical & cultural**
- 3. Infra structure & travel time**
- 4. Target groups & scope of activities**
- 5. Sportive and/or instant fun amusement**
- 6. Seasonal or year round**
- 7. Stand alone or mixed use**
- 8. Time per stay & capacity**
- 9. Cost level & potential revenues**
- 10. Investment & profitability**

Learning from the past

Projects do not plan to fail, but fail to plan



Demolished due to unsustainable building / operations costs

Investment focus on sportive rather than amusement target groups



Initial bankruptcy due to overestimated target market

Insufficient repeat visitors due to layout design & lacking activity variety

**The future has arrived: Arctic World Resort designs
Ultimate snow & ice amusement park solutions
Tailored size & content to fit any location**

See separate Arctic World Resort Impressions



THE NEW GENERATION TRACK & TRACE VISITOR VIDEO EXPERIENCE

- Automatically creates, edits and distributes a personalized guest video.
- Covers the entire visitor stay and all attractions from start to finish.
- Generates additional revenues through sales of films & commercials.
- Stimulates repeat website visits for downloading the visitors videos.
- Collects valuable visitor data for marketing & promotional purposes.
- Guarantees worldwide publicity by easy uploading to social media.
- Provides tools for safety, security and attractions analysis purposes.

*• Theme Parks • Amusement Parks • Water Parks
• Snow Parks • Ice Rinks • FEC's • Zoos • Museums
• Resorts and more*



tape
my day



yes we cam!

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Information overload?



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Contact us for further Questions & Answers