

# 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](http://www.snow.biz) / [us@snow.biz](mailto:us@snow.biz) / Tel. +31 20 4714640

# Unlimited Snow Memberships:

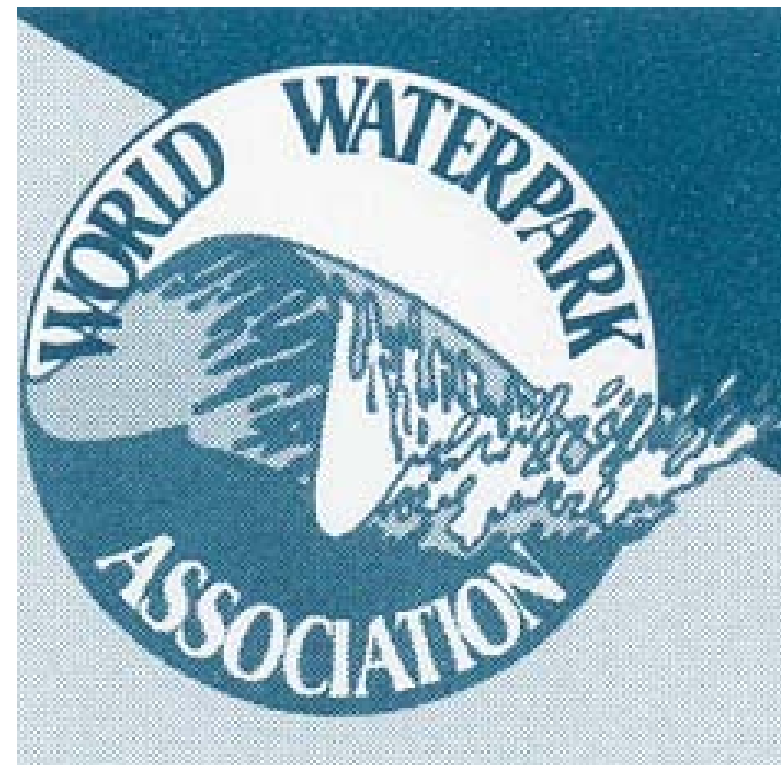
The logo for TEA (Themed Entertainment Association) features the letters 'TEA' in a large, bold, blue sans-serif font. To the left of the letters are five colorful triangles (orange, blue, purple, green, and red) pointing towards the center.

**TEA**

**THEMED  
ENTERTAINMENT  
ASSOCIATION**



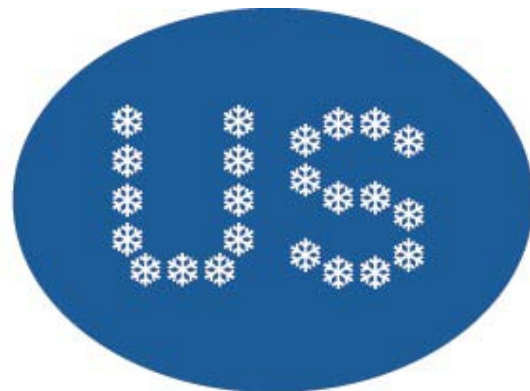
**IAAPA**



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  
 latim 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  
 mexitla 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

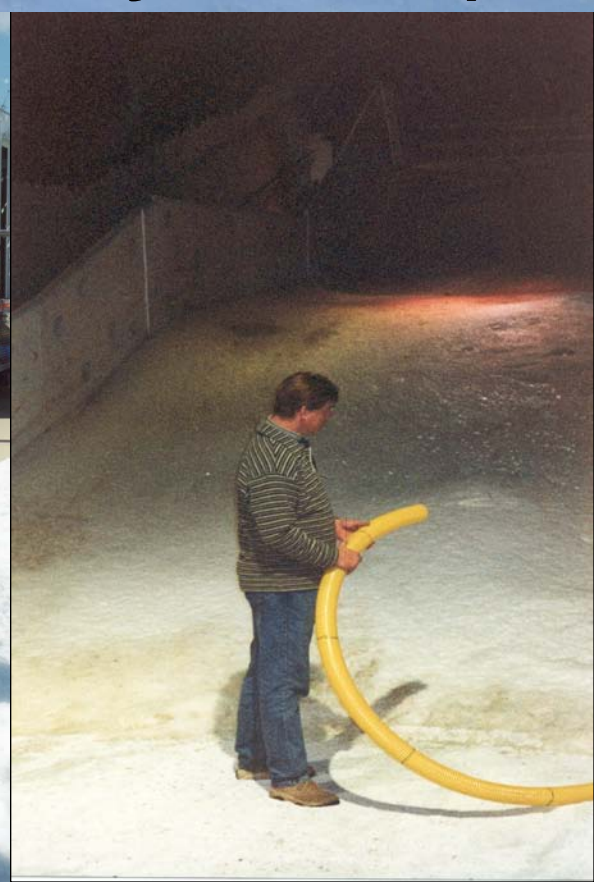
**Used for  
snow domes &  
events**

**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

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

# 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
	<b>Planned Arctic World Resort</b>	<b>USA</b>	<b>37,500</b>
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)
	<b>Planned Arctic World Resort</b>	<b>USA</b>	<b>Various 100 – 450</b>
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

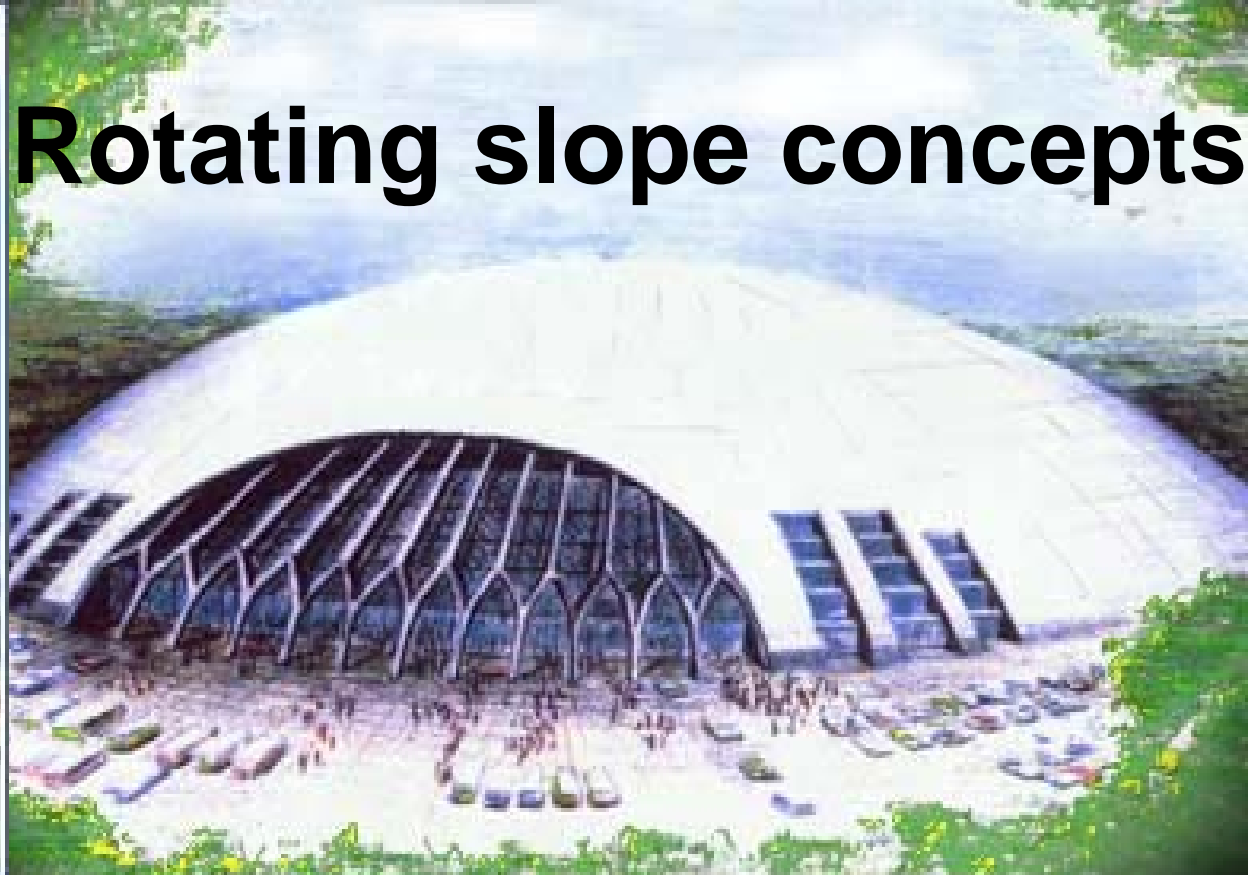
Centre Name	Country	Vertical Drop (metres)
<b>Planned Arctic World Resort</b>	<b>USA</b>	<b>50</b>
<b>Ski Amneville</b>	<b>France</b>	<b>90</b>
<b>The Alpincentre</b>	<b>Germany</b>	<b>85</b>
<b>SnowWorld Landgraaf</b>	<b>Netherlands</b>	<b>80</b>
<b>Snej.com</b>	<b>Russia</b>	<b>68</b>
<b>SNORAS Snow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





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 13.400m<sup>2</sup>  
Claim: saving 1.200 tons CO<sub>2</sub>



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



# 1<sup>st</sup> Generation Industrial vs 2<sup>nd</sup> Generation Virtual Worlds

**Lack of Wow factor**





# 1<sup>st</sup> Generation Industrial vs 2<sup>nd</sup> 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?

An aerial photograph showing a large group of people in a field. Many of the people are holding up long, thin poles or sticks, creating a dense network of vertical lines. The scene appears to be a large gathering or protest, with the people scattered across a grassy or dirt-covered area. The overall tone is somewhat chaotic and overwhelming, which aligns with the 'Information overload?' text.

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**Contact us for further Questions & Answers**