



# IK bygg svarer på utfordringene

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# IK bygg på web 2010

- Import fra IK bygg på excel
- Basert på ny NS3424. Tilstand x konsekvens = Risiko
- Integrasjon KOSTRA – økonomi og tilstand (kommer)
- Integrasjon GAB
- Lenker til lover og forskrifter med tilhørende verktøy





# Kommunikasjonsbehovene

- Dokumentasjon over for tilsynsmyndighetene
- Rapportering til eier og innbyggere om tilstand
- Dialog med bruker
- Verktøy for driftspersonale
- Oversikt og kontroll for forvalter
- Alle bruker "webben"





# Felles plattform

- Alt på ett sted
- Brann og EL – (DSB)
- Helse
- Miljø og energi
- Tilgjengelighet
- Bygningstilstand






# Revisjon av kravbasen

- Fukt flyttes til bygg og inneklima
- Miljø utvides med energi og energi og miljøplan
- Ny post for energiforbruk i kwh.
- Mer om inneklima
- Mer om universell utforming
- Mer om.....



# Kommunikasjon med eier, bruker, og tilsynsmyndigheter: Alt på ett sted!

	Areal per bruker		Antall kvadratmeter		ANSVAR		BYGNING				INNEMILJØ				BRUK-BARHET		BRANN				FUKT				MILJØ			INNRUDDSSIKRING	OFFENTLIGE PÅLEGG	Beregnet utbedringskostnad i 1000 kr
	Eiers/kommunestyret	Forvalter	Bruker	Byggskader - utvendig	Byggskader - innvendig	Varme, ventilasjon og sanitær	Etanlegg	Heis	Renhold	Luft	Lys	Lyd	Planløsning	Flexibilitet	Universell utforming	Brann dokumentasjon organisatorisk	Brann dokumentasjon teknisk	Brannsikring	EL-tilsynets kontroll	Frostsikket ledningsnett	Vann og avløp - alder	Lekkasjesvarsling	Effektiv bortledning av vann	Flomutsatt	Illedegravde tanker	Helsefarlige stoffer i bygningen	Rasfare			
<b>Sum</b>	14246																												73 035	
<b>Bygning/Bygningsgruppe</b>	<b>BTA</b>																													
<b>Skoler</b>			0,0																											
Skole 1	12	1489	3,0 2,0 3,0	3,0	3,0 2,0 2,0 2,0 0,0	2,0 2,0 2,0 2,0 0,0	2,0 2,0 2,0 2,0 0,0	2,0 2,0 2,0 2,0 0,0	2,0 2,0 2,0 2,0 0,0	2,0 2,0 2,0 2,0 0,0	2,0 2,0 2,0 2,0 0,0	2,0 2,0 2,0 2,0 0,0	2,0 2,0 2,0 2,0 0,0	2,0 2,0 2,0 2,0 0,0	2,0 2,0 2,0 2,0 0,0	2,0 2,0 2,0 2,0 0,0	2,0 2,0 2,0 2,0 0,0	2,0 2,0 2,0 2,0 0,0	2,0 2,0 2,0 2,0 0,0	2,0 2,0 2,0 2,0 0,0	2,0 2,0 2,0 2,0 0,0	2,0 2,0 2,0 2,0 0,0	2,0 2,0 2,0 2,0 0,0	2,0 2,0 2,0 2,0 0,0	2,0 2,0 2,0 2,0 0,0	2,0 2,0 2,0 2,0 0,0	2,0 2,0 2,0 2,0 0,0	25 000		
Skole 2	17	1258	3,0 2,0 3,0	2,0	1,0 1,0 0,0 1,0	1,0 2,0 2,0 1,0	1,0 2,0 2,0 1,0	1,0 2,0 2,0 1,0	1,0 2,0 2,0 1,0	1,0 2,0 2,0 1,0	1,0 2,0 2,0 1,0	1,0 2,0 2,0 1,0	1,0 2,0 2,0 1,0	1,0 2,0 2,0 1,0	1,0 2,0 2,0 1,0	1,0 2,0 2,0 1,0	1,0 2,0 2,0 1,0	1,0 2,0 2,0 1,0	1,0 2,0 2,0 1,0	1,0 2,0 2,0 1,0	1,0 2,0 2,0 1,0	1,0 2,0 2,0 1,0	1,0 2,0 2,0 1,0	1,0 2,0 2,0 1,0	1,0 2,0 2,0 1,0	1,0 2,0 2,0 1,0	1,0 2,0 2,0 1,0	1,0 2,0 2,0 1,0	25	
Skole 3	21	2389	3,0 2,0 3,0	2,0	2,0 2,0 2,0 2,0 2,0	1,0 2,0 2,0 2,0	1,0 2,0 2,0 2,0	1,0 2,0 2,0 2,0	1,0 2,0 2,0 2,0	1,0 2,0 2,0 2,0	1,0 2,0 2,0 2,0	1,0 2,0 2,0 2,0	1,0 2,0 2,0 2,0	1,0 2,0 2,0 2,0	1,0 2,0 2,0 2,0	1,0 2,0 2,0 2,0	1,0 2,0 2,0 2,0	1,0 2,0 2,0 2,0	1,0 2,0 2,0 2,0	1,0 2,0 2,0 2,0	1,0 2,0 2,0 2,0	1,0 2,0 2,0 2,0	1,0 2,0 2,0 2,0	1,0 2,0 2,0 2,0	1,0 2,0 2,0 2,0	1,0 2,0 2,0 2,0	1,0 2,0 2,0 2,0	1,0 2,0 2,0 2,0	12 500	
<b>Barnehager</b>			0,0																											
Barnehage 1	8	350	3,0 2,0 3,0	1,0	1,0 0,0 0,0 0,0 0,0	1,0 2,0 1,0 1,0	1,0 2,0 1,0 1,0	1,0 2,0 1,0 1,0	1,0 2,0 1,0 1,0	1,0 2,0 1,0 1,0	1,0 2,0 1,0 1,0	1,0 2,0 1,0 1,0	1,0 2,0 1,0 1,0	1,0 2,0 1,0 1,0	1,0 2,0 1,0 1,0	1,0 2,0 1,0 1,0	1,0 2,0 1,0 1,0	1,0 2,0 1,0 1,0	1,0 2,0 1,0 1,0	1,0 2,0 1,0 1,0	1,0 2,0 1,0 1,0	1,0 2,0 1,0 1,0	1,0 2,0 1,0 1,0	1,0 2,0 1,0 1,0	1,0 2,0 1,0 1,0	1,0 2,0 1,0 1,0	1,0 2,0 1,0 1,0	1,0 2,0 1,0 1,0	20	
Barnehage 2	7	520	3,0 2,0 3,0	2,0	3,0 1,0 1,0 0,0 0,0	2,0 2,0 2,0 0,0	2,0 2,0 2,0 0,0	2,0 2,0 2,0 0,0	2,0 2,0 2,0 0,0	2,0 2,0 2,0 0,0	2,0 2,0 2,0 0,0	2,0 2,0 2,0 0,0	2,0 2,0 2,0 0,0	2,0 2,0 2,0 0,0	2,0 2,0 2,0 0,0	2,0 2,0 2,0 0,0	2,0 2,0 2,0 0,0	2,0 2,0 2,0 0,0	2,0 2,0 2,0 0,0	2,0 2,0 2,0 0,0	2,0 2,0 2,0 0,0	2,0 2,0 2,0 0,0	2,0 2,0 2,0 0,0	2,0 2,0 2,0 0,0	2,0 2,0 2,0 0,0	2,0 2,0 2,0 0,0	2,0 2,0 2,0 0,0	2,0 2,0 2,0 0,0	5 200	
Barnehage 3	9	275	3,0 2,0 3,0	0,0	1,0 1,0 0,0 0,0	1,0 0,0 1,0 0,0	1,0 0,0 1,0 0,0	1,0 0,0 1,0 0,0	1,0 0,0 1,0 0,0	1,0 0,0 1,0 0,0	1,0 0,0 1,0 0,0	1,0 0,0 1,0 0,0	1,0 0,0 1,0 0,0	1,0 0,0 1,0 0,0	1,0 0,0 1,0 0,0	1,0 0,0 1,0 0,0	1,0 0,0 1,0 0,0	1,0 0,0 1,0 0,0	1,0 0,0 1,0 0,0	1,0 0,0 1,0 0,0	1,0 0,0 1,0 0,0	1,0 0,0 1,0 0,0	1,0 0,0 1,0 0,0	1,0 0,0 1,0 0,0	1,0 0,0 1,0 0,0	1,0 0,0 1,0 0,0	1,0 0,0 1,0 0,0	1,0 0,0 1,0 0,0	15	
<b>Sykehjem</b>																														
Sykehjem 1	56	1775	3,0 2,0 3,0	0,0	0,0 0,0 0,0 0,0 0,0	0,0 0,0 0,0 0,0	0,0 0,0 0,0 0,0	0,0 0,0 0,0 0,0	0,0 0,0 0,0 0,0	0,0 0,0 0,0 0,0	0,0 0,0 0,0 0,0	0,0 0,0 0,0 0,0	0,0 0,0 0,0 0,0	0,0 0,0 0,0 0,0	0,0 0,0 0,0 0,0	0,0 0,0 0,0 0,0	0,0 0,0 0,0 0,0	0,0 0,0 0,0 0,0	0,0 0,0 0,0 0,0	0,0 0,0 0,0 0,0	0,0 0,0 0,0 0,0	0,0 0,0 0,0 0,0	0,0 0,0 0,0 0,0	0,0 0,0 0,0 0,0	0,0 0,0 0,0 0,0	0,0 0,0 0,0 0,0	0,0 0,0 0,0 0,0	0,0 0,0 0,0 0,0	15	
Sykehjem 2	98	1254	3,0 2,0 3,0	2,0	1,0 2,0 2,0 2,0	2,0 2,0 2,0 1,0	2,0 2,0 2,0 1,0	2,0 2,0 2,0 1,0	2,0 2,0 2,0 1,0	2,0 2,0 2,0 1,0	2,0 2,0 2,0 1,0	2,0 2,0 2,0 1,0	2,0 2,0 2,0 1,0	2,0 2,0 2,0 1,0	2,0 2,0 2,0 1,0	2,0 2,0 2,0 1,0	2,0 2,0 2,0 1,0	2,0 2,0 2,0 1,0	2,0 2,0 2,0 1,0	2,0 2,0 2,0 1,0	2,0 2,0 2,0 1,0	2,0 2,0 2,0 1,0	2,0 2,0 2,0 1,0	2,0 2,0 2,0 1,0	2,0 2,0 2,0 1,0	2,0 2,0 2,0 1,0	2,0 2,0 2,0 1,0	2,0 2,0 2,0 1,0	17 000	
<b>Idrett og kulturbygg</b>																														
Idrettshall	1,5	2347	3,0 2,0 3,0	1,0	0,0 1,0 0,0 0,0 0,0	3,0 1,0 1,0 2,0	0,0 0,0 1,0	2,0 3,0 2,0 0,0	0,0 0,0 1,0	2,0 3,0 2,0 0,0	0,0 0,0 1,0	2,0 3,0 2,0 0,0	0,0 0,0 1,0	2,0 3,0 2,0 0,0	0,0 0,0 1,0	2,0 3,0 2,0 0,0	0,0 0,0 1,0	2,0 3,0 2,0 0,0	0,0 0,0 1,0	2,0 3,0 2,0 0,0	0,0 0,0 1,0	2,0 3,0 2,0 0,0	0,0 0,0 1,0	2,0 3,0 2,0 0,0	0,0 0,0 1,0	2,0 3,0 2,0 0,0	0,0 0,0 1,0	2,0 3,0 2,0 0,0	10	
Kulturhus/kino/bibliotek	1	1789	3,0 2,0 3,0	1,0	0,0 0,0 1,0 1,0	1,0 2,0 1,0 0,0	0,0 1,0 2,0	3,0 2,0 2,0 0,0	0,0 0,0 1,0	2,0 3,0 2,0 0,0	0,0 0,0 1,0	2,0 3,0 2,0 0,0	0,0 0,0 1,0	2,0 3,0 2,0 0,0	0,0 0,0 1,0	2,0 3,0 2,0 0,0	0,0 0,0 1,0	2,0 3,0 2,0 0,0	0,0 0,0 1,0	2,0 3,0 2,0 0,0	0,0 0,0 1,0	2,0 3,0 2,0 0,0	0,0 0,0 1,0	2,0 3,0 2,0 0,0	0,0 0,0 1,0	2,0 3,0 2,0 0,0	0,0 0,0 1,0	2,0 3,0 2,0 0,0	250	
Rådhuset	54	800	3,0 2,0 3,0	3,0	3,0 2,0 2,0 2,0	2,0 2,0 3,0 1,0	2,0 2,0 2,0	2,0 3,0 2,0 2,0	2,0 3,0 2,0 2,0	2,0 3,0 2,0 2,0	2,0 3,0 2,0 2,0	2,0 3,0 2,0 2,0	2,0 3,0 2,0 2,0	2,0 3,0 2,0 2,0	2,0 3,0 2,0 2,0	2,0 3,0 2,0 2,0	2,0 3,0 2,0 2,0	2,0 3,0 2,0 2,0	2,0 3,0 2,0 2,0	2,0 3,0 2,0 2,0	2,0 3,0 2,0 2,0	2,0 3,0 2,0 2,0	2,0 3,0 2,0 2,0	2,0 3,0 2,0 2,0	2,0 3,0 2,0 2,0	2,0 3,0 2,0 2,0	2,0 3,0 2,0 2,0	2,0 3,0 2,0 2,0	13 000	