

1. Utskott och arbetsområde

1.	Utskottets namn:	Bridges		
2.	Konkretiserat arbetsområde 2008 – 2012	Bridge engineering (design, construction, operation, maintenance) Contracting methods and cost estimates for bridges		
3.	Utskottets ledande ordför.	Risto Kiviluoma, Finland		
4.	Utskottets ledande sekr.	Olli Niskanen, Finland		
5.	Ordförande och sekreterare i de övriga länderna	Land	<i>Ordförande</i>	<i>Sekreterare</i>
		DK	Bjarne Landgrebe	Vibeke Wegan
		IS	Baldvin Einarsson	Guðrún Þóra Garðarsdóttir
		NO	Jonny Hermansen	Jørn Arve Hasselø
		SE	Martin Laninge	Lars-Ulof Nilsson
		FO	Bjarni Petersen	

2. Verksamhetsplan

6. Generell verksamhetsplan inklusive resultatmål för hela perioden 2008-2012:

Bridge Technical Committee (TC) continues the methodology used in the previous conference period, including:

- technical work in specific Workgroups. These consist on NVF's experts on their corresponding field
- Annual Bridge Engineering Conferences on varying themes, addressing also the strategy themes for the conference period (Traffic safety, Environment, New roles and skills, Total awareness)
- workshops arranged by Workgroups
- 4-6 chairmen & secretary meetings annum (physical meetings and telephone meetings)
- awarding the Nordic Bridge and Tunnel Prize (every 4th year).

TC continues co-operation with BRA and strengthens the co-operation with IABSE and PIARC. This is implemented by inviting known specialist members of BRA, PIARC and IABSE to TC's Annual Bridge Engineering Conferences and workshops, and running corresponding sessions in English. TC will contribute arrangements of a joint-conference with BRA on additional theme, if a need for such conference is invoked during the period.

Following Workgroups are active and finalize their work on the period:

Self compacting concrete, leader Synnøve Myren, Norway

Workgroup prepares study of usage, experiences and limitations of self-compacting concrete in Nordic countries. Goal is to produce guideline-type conclusion where, when and why is beneficial to use self compacting concrete vs. Nordic bridges, Nordic construction practice and Nordic cement manufacturers. Dissemination is by a final report.

Eurocodes, leader Heikki Lilja, Finland

Workgroup compares and discuss open design parameters in Bridge Eurocodes and its National Annexes. Goal is to reduce uncertainties and gaps on moving bridge design from old national standards to Eurocodes. Dissemination is by workshop presentations.

Structural monitoring (new), leader Risto Kiviluoma, Finland

Workgroup stands for enhanced utilization of bridge monitoring systems, which continuously improve their usability for practical bridge engineering tasks. Workgroup collects results of recent European and national research projects, IABSE ICT Conference Helsinki 2008, as well commercial projects conducted mainly by the big consultants in Nordic countries. Goal is to update knowledge what is possible for ordinary road bridges (i.e. in limited budget) and find examples how the results could be use in practical bridge engineering work vs. Nordic practices on consultancy service procurement and bridge management. By synthesis of results, a guideline is made for usage of present technologies and assessment methods. Dissemination is by a final report.

Contracting methods (new), leader Claus Nødgaard Hansen, Denmark

Workgroup stands for collecting the experiences and ideas how the contracting methods affects bridge engineering in Nordic countries. Issues include e.g. costs, quality, aesthetics, sustainability, risks, financing, innovations and life-cycle costs. Workgroup works in co-operation with NVF's Markets and Organization TC. Plan and dissemination method is to be decided.

Bridge maintenance, leader to be pointed by the existing group of road administrations

Workgroup is old group but new in NVF, and deals with networking of experts of Nordic road administrations. Plan for the conference period is to be made. Dissemination is by workshop presentations.

7.	<p>Konkret verksamhetsplan för delperioden 2008-2009 (mål, aktiviteter osv.)</p> <p>Work of TC and its workgroups is planned/updated and organized for the conference period. The web-site is taken in use. Each Workgroup has own home page. Work from previous workgroups and conferences are disseminated or archived by relevant parts onto the web.</p> <p>Annual Bridge Engineering Conference is planned and arranged with working name "Bridges and bridge builders in the future".</p> <p>Mål</p> <ul style="list-style-type: none"> – TC's work for the conference period is planned and organized – results of the work of previous conference period are archived – new Workgroups have planned and established their work. Leaders of all workgroups have presented their plans and lists of contributing persons – workshops for "Corrosion protection" and "Eurocodes" Workgroups are arranged or planned – Annual Bridge Engineering Conference 2009 is successfully arranged. <p>Aktiviteter</p> <ul style="list-style-type: none"> – Kick-off meeting Iceland 2008 (TC's leading country only) – Strategy meeting 2009 (TC's leading country only) – Annual Bridge Engineering Conference, two days, Sweden 2009 – Workshop of the Eurocodes Workgroup, Finland 2009 and Workgroups' other own work for their objectives – Chairmen and secretary meetings and meetings of the national committees 	<p>Resultat</p>
----	---	------------------------

8.	Konkret verksamhetsplan för delperioden 2010 (mål, aktiviteter osv.) Mål <ul style="list-style-type: none">– Annual Bridge Engineering Conference 2010 is successfully arranged– Technical work in Workgroups continues active and useful to the participants and TC Aktiviteter <ul style="list-style-type: none">– Strategy meeting 2010 (TC's leading country only)– Workgroups' own work for their objectives.– Annual Bridge Engineering Conference, two days, Norway 2010– Chairmen and secretary meetings and meetings of the national committees	Resultat
----	---	-----------------

9.	<p>Konkret verksamhetsplan för delperioden 2011-2012 (mål, aktiviteter osv.)</p> <p>TC's work is finalized, and continuation of work for to the next period is organized.</p> <p>Mål</p> <ul style="list-style-type: none"> – Workgroup “Self compacting concrete” releases its final report – Workgroup “Structural Monitoring” releases its final report – Workgroup “Eurocodes” has finalized its work – Workgroup “Contracting methods” has finalized its work – Annual Bridge Engineering Conference 2011 is successfully arranged – Via Nordica 2012 is successfully contributed. <p>Aktiviteter</p> <p>Annual Bridge Engineering Conference, two days, Denmark 2011</p> <p>Workgroups' own work for their objectives.</p> <p>Via Nordica 2012:</p> <ul style="list-style-type: none"> – bridge engineering session – stand in the exhibition – presentation of Nordic Tunnel and Bridge Prize 2012 	<p>Resultat</p>
10.	<p>Slutvärdering av verksamheten under hela perioden 2008-2012</p>	

3. Kalender

Planlagda aktiviteter	Tidpunkt	Genomförda aktiviteter
Annual Bridge Engineering Conferences (including chairmen & secretary meetings):		
– Sweden	– 9/2009	
– Norway	– 9/2010	
– Denmark	– 9/2011	
– Via Nordica	– 6/2012	
Workshops:		
– Eurocodes	– 4/2009	
– Corrosion protection	– 9/2009 or 9/2010	
Additional chairmen and secretary physical meetings		
– Sweden	– 10/2008	– 30.10.2008 Stockholm
– Norway	– 5/2009	
– Denmark	– 10/2009	
– Finland	– 5/2010	
– Island	– 10/2010	
– Sweden	– 5/2011	
– Norway	– 10/2011	
– Denmark	– 2/2012	
Kick-off and strategy meetings (TC's leading country only)		
	– 9/2008	– 4.9.2008 Reykjavik
	– 9/2009	
	– 9/2010	
	– 9/2011	