

# NAWAD TECH

NATIONAL WATERWAYS DEVELOPMENT TECHNOLOGY  
(Smart Waterways Foundation – India)

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## NAWAD TECH Activities 2011-12

Respected Friends,

There were many activities of NAWAD TECH in the recent months and I would like to share some with you.

After the All India Anna Dravida Munnetra Kazhagam (AIADMK) announced in their Election Manifesto to take-up Tamilnadu Smart Waterways Project (TSWP) for Networking all rivers in Tamilnadu, AIADMK formed Government and Madam Selvi J.Jayalalithaa became Hon'ble Chief Minister of Tamilnadu. This has brought a bright chance to implement Tamilnadu Smart Waterways Project (TSWP).

### Meeting with Ministers

After the formation of Tamilnadu Government by AIADMK party, we had number of meetings with Ministers of Tamilnadu especially with Mr.O.Panner Selvam, Minister for Finance, Mr.Sambath, then Minister for Special Project Implementation, Mr. Senkottaian, then Minister for Agriculture, Mr. Ramalingam Minister for Public Works Department , Mr. Sellur Raju , Minister for Cooperative and others .



Hon'ble Finance Minister O.Panneer Selvam

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The Hon'ble Minister Shri. Sampath was good enough to contact us over phone and asked whether we could give a presentation of TSWP on July 6<sup>th</sup>2011 to which I agreed. Er.K.Pandy, Er.V.Kasi and myself went to Chennai on July 5<sup>th</sup>.

We met the Minister on 6<sup>th</sup> afternoon.

Dr.Ravikumar, Professor, Anna University, Mr.Ramesh. Er.Thangiah, Former Chief Engineer and Project Advisor also joined us in the presentation. Mr. Panner Selvam IAS, Special Secretary and Mr Devdoss Meena IAS, Secretary were also there. After introduction, Er.V.Kasi presented the project. Then the discussion also followed.



Hon'ble Minister for Special Project Implementation  
Shri. M.C.Sambath

Special Secretary said "If we give the project to Chief Minister, Chief Minister will accept because Madam knows the project". He asked us to give a note for Pre Feasibility Study which we gave.

We met the Finance Minister Mr.O.Panneer Selvam number of times. During one of the meetings, he asked us to give detailed presentation of the project and wanted to discuss for at least 3 hours. The Minister gave June 18<sup>th</sup> for our meeting with him. Er.V.Kasi, Mr.K.Karuppiah, Former Deputy Collector and myself went to Chennai and met the Minister on July 18<sup>th</sup> evening. Er. Thangiah also joined the presentation.

The Minister was very happy on our presentation and said that we could give drinking water to 5 Cr. People in Tamilnadu and that itself will be a big achievement. He was also happy that ground water will get recharged.

We also explained to the Finance Minister that the entire project can be taken up under BOOT (Build Own Operate and Transfer) like National Highways as the project will get good return and there will not be much financial strain to State Government. We further explained that once the Pre-feasibility Study is done, we can present the project to planning commission, New Delhi. The Planning Commission will also accept this project as National Project and provide 90 % fund.

We also met Mr.Cho on May 19<sup>th</sup> 2011 at his office, Greenways Road, Chennai. Mr.K.Karuppiah, Former Deputy Collector and Mr.R.Chandra Sekar came with me He was very receptive. I briefed him about Tamilnadu Smart waterways Project and also Madam announcing the project in their election manifesto. Later I learnt from Mr.S.Mohan Gandhi that he had sent a note to Chief Minister regarding TSWP.



Meeting with Mr.Cho, Editor Duglak, Mr. K.Karuppiah accompanied

- **Delhi drinking water supply**

Er.P.Venkatram, another expert member from New Delhi introduced us to Mr.Regunathan IAS (Rtd) Former Chief Secretary of Delhi. Mr.Regunathan, after knowing our involvement in water management wanted from us a proposal for drinking water supply to Delhi. After discussion with our Expert Committee members, the proposal for drinking water based on NWP was given to Mr.Regunathan who has assured us to take-up the matter with the Chief Minister of Delhi shortly.



Mr.Venkatraman (from left), Er.A.C.Kamaraj, Mr.Ramesh Negi (centre), Er.V.K.Gupta

We also sent the Delhi Drinking water supply proposal to Hon'ble Chief Minister of Delhi and also to Mr.Ramesh Negi , CEO of Delhi Jal Board. The CEO has proposed a meeting during our next trip to Delhi.

We met Mr.Ramesh Nagi at Jalboard office on April 18<sup>th</sup> 2011 at 12.30 PM. He was very receptive and full of praise for our proposal. Dr. BIPIN BEHARI , IFS , who is an environmentalist was also there in the meeting

### **Bihar Water Resources Minister**

Mr.V.K.Gupta and Myself went to Patna as planned to meet the Hon'ble Minister for Water Resources , Bihar , Shri Vijay Kumar Chaudhary on April 20<sup>th</sup>.2011 We met the Minister at 11 A.M. and as a matter of fact the Minister only invited me to come to Patna for discussion. We told the Minister that the NAWAD TECH is the initiator and promoter of Bihar Waterways Project (BWP) for



Er.A.C.Kamaraj with Bihar Water Resource Minister Shri.Vijaya Kumar Chaudhary ( Right)

integrated water management and hence NAWAD TECH should take up at least the Feasibility Study for BWP . I told the Minister that it will then only be possible to bring out all the features and the hidden benefits of BWP. The Minister also agreed to this and assured to take the matter forward. We gave a letter to this effect.

Then we also told the Hon'ble Minister that in view of its vulnerable position due to severe flood fury, they must have an advanced water resources research centre. The Research Centre should include the latest development on water regulation by remote sensing as it is already adopted in advanced Countries. We also said that we must include advanced flood warnings system which will give warning well in advance before any flood bank breaches. The Minister was very much interested in this proposal of setting up an advance Research Centre at Patna . We also told that Research Centre should have at least ten acres of land that the approximate cost will be Rs. 20 Crores. The Minister asked whether we would help them in setting up this centre and we assured him. The Minister was greatly interested and asked us to send proposal.

We met the Principle Secretary, Mr.Afzal Amanullah only for a few minutes as he was very busy for the ensuing Chief Minister's meeting. He immediately expressed his eagerness to meet me and discuss. However, we could not meet him on the next day also as he was very busy in the Chief Minister's meeting. However, we met Mr. Ajay Nayak, Former Principle Secretary, Water Resources. He was full of praise for us and suggested to have one more Technical meeting.

Then we met Mr.Siddharth I.A.S, Secretary to the Chief Minister. He informed us that sometime back the Water Resources Department presented NWDA proposal to the Hon'ble Chief Minister!. When the Chief Minister asked them how the flood water from one basin will flow to the other basin for mitigating flood damage in that particular basin, they could not answer him. The Chief Minister asked many questions and he was not at all happy with the NWDA proposal. Mr.Siddharth said that the whole thing ended up in utter confusion and that NAWAD TECH should give a presentation of BWP to the Chief Minister through Water Resources Department, Bihar.

#### **Justice Natarajan :**

We met Justice Natarajan at his house on June 30<sup>th</sup>. He was worried that leaders are not doing good things. Everywhere scam. There is no time for them to give attention to good works. He also said that he spoke to Mrs. Jeyanthi Natarajan, Minister for Environments, but she said Madam Sonia Gandhi was very busy and that she could not find time to talk to her.

#### **Shri.Jaipal Reddy**



Er.A.C.Kamaraj with Shri. Jeyapal Reddy

Met Minister Jeyapal Reddy on July 26<sup>th</sup> 2010 at New Delhi. As it was already 9 p.m, he was a little free and spent nearly an hour with me. He spoke on various subjects including politics in Andhra and Tamilnadu. He told me that he had told Mr. Pawan Kumar Bansal number

of times to make use of my expertise. He also said that he would pursue with Minister G.K.Vasan. Whenever Mr. Jeyapal Reddy finds time he always spends as much time as possible with me.

I met Minister Jayapal Reddy again on Oct.22<sup>nd</sup>. 2010. He told me that he spoke to Minister Bansal. He also told me that he spoke to Minister G.K.Vasan and asked me to meet him. He felt that the Government is not taking enough interest in ILR.

Again I met Minister Shri Jeyapal Reddy at his residence on September 9<sup>th</sup> 2011. He was receptive as usual. During our last meeting he discussed about Thirukkural and Thiruvalluvar. He wanted an English translation of Thirukkural book. When I gave him the book, he asked me as to who had translated the book. When I told him that it is done by a Doctor friend from Tamilnadu, he said "I would prefer translation by a foreigner as he would be unbiased and even critical. A Tamilan, because of his high regard to the great author may not venture to be critical". I told him that I would get an English translation by a Foreigner.

Then I told him that there is an expert Committee meeting on ILR on 12<sup>th</sup> and that I would meet the Minister for Water Resources afterwards. He said that I must meet the Minister saying that he is a good person and that he also spoke to him about me.

### **Mr.D.R.Kaarthikeyan**

Went to Delhi and attended the function on August 2<sup>nd</sup> 2011 arranged by Mr.D.R Kaarthikeyan in memory of his wife Kalaji and met him again at his house the next day morning. We discussed the developments in Bihar. He was very happy about the Chief Secretary's letter to the Planning commission and said the project is accepted. We discussed TWP and Delhi Drinking water. He volunteered to talk to the Chief Minister. He also accepted to write to Prime Minister for appointment to discuss NWP.

### **9<sup>th</sup> Expert Committee Meeting on ILR.**

We were asked to present NWP (Ganga-Kumari



Er.A.C.Kamaraj, Mr.Sen, Mr.Z.Hasan, Mr.M.N.Madhyastha at 9<sup>th</sup> Expert committee meeting on ILR (12.9.11)

National Waterways Project) in the 9<sup>th</sup> Expert Committee Meeting on ILR held on Sept 12<sup>th</sup> 2011. Er.K.Jeyachandran from London, Er.V.K.Gupta from New Delhi and myself attended the Expert Committee meeting and presented the project and suggested to take up feasibility study for one link based on NWP.

### **Meeting with Mr.Nauta from Deltares , Netherlands**

As suggested by Mr.Groothuizen, Netherlands Embassy (India), it was decided to meet Mr.Tjitte A. Nauta of Deltares who came to Bombay. Mr. Nauta accepted to deviate from his original programme and come to Chennai. I met him at Chennai on Sept. 26<sup>th</sup> 2011



Er. A.C.Kamaraj with Mr. Tjitte Nauta, Deltares , Netherlands

Mr. G. Ponraj from Tuticorin , Mr. Thangiah former Chief Engineer and Project advisor came with me.

We had a detailed discussion on the activities of Deltares and discussed TWP. Mr.Nauta expressed willingness to work with us and he said that he would send a letter to the effect as soon as he returns to Netherlands. Soon, he sent a letter that Deltares, a not for Profit organization, working all over the world will join hands with NAWAD TECH, another not for Profit organization, in carrying out studies for TWP.

### **Kerala Waterways Project (KeWP)**

You may be aware that Dr.A.P.J.Abdul Kalam during his tenure as President of India has himself presented KeWP in the Kerala assembly and it was well received. After that we also sent the details of the project to Kerala Chief Minister. He appreciated our project



Presenting Kerala Waterways Project (KeWP) to the Principal Secretary, Shri. V.J. Kurian IAS

and advised the water Resource Department to follow.

Recently, The Principal Secretary to Government of Kerala sent a letter inviting us for meeting and discussion with them on Kerala waterways Project. Many of our friends advised not to travel to Trivandrum as the tension between Kerala and Tamilnadu was as peak due to Mullai Periyar issue. However, Er.K.Jeyachandran and myself went to Trivandrum and met the Principal Secretary, Water Resources Department Mr.V.J.Kurian on Dec 15<sup>th</sup> 2011. We had a very good discussion with him and Chief Engineer for over 2 hours. The Principal Secretary commented that the KeWP is very good project for them and assured to follow it up.

### **Karnataka Waterways Project (KWP)**

You may be aware that we had the opportunity to present Karnataka Waterways Project (KWP) to Chief Secretary of Karnataka some time back. However, we could follow it up only recently. The Hon'ble Chief Minister of Karnataka Mr. Sadananda Gowda gave us appointment on Jan 3<sup>rd</sup> 2012. Er.K.Jeyachandran and myself went to Bengaluru and met the Hon'ble Chief Minister. Shri. Ramanna Lammani, MLA, Mr. Cidhanantha and Mr. Gopal also accompanied the Meeting. After meeting with the Chief Minister, he advised us to meet the concerned Minister Mr. Shri. J Krishna Palemar, Minister of Inland waterways. We met the Minister and had a detailed discussion on the project. The Minister wanted a letter for follow-up action which was given by us.



Presenting Karnataka Waterways Project (KWP) to Hon'ble Minister for Ports and Inland Water Transport Shri J. Krishna Palemar

### **New Office at Delhi:**

*NAWAD TECH*



New Office at New Delhi

The office in New Delhi has been shifted to New Premises i.e., **G-218, FF, Naraina Vihar, New Delhi -110 028, Ph: 011 – 42283043**. This office is nearer to our Expert Member Er.V.K.Gupta's residence and is also just 10 Km within central Delhi. We are planning to pursue Delhi drinking water supply.

### **Supreme Court:**

You may be aware that Supreme Court is pursuing vigorously with Government of India for early implementation of Inter Linking of rivers. There was a hearing recently by Supreme Court. The main concern of the Supreme Court is that Government of India may have to spend heavily on the project and they expressed their doubt on the capacity of the Government to bear this huge expenditure. We gave details to the Advocate that NWP can be implemented under BOOT and that that there will not be any financial strain to Government.

It may be interesting to note that Mr.Appavu MLA filed a PIL in Supreme Court that our NWP should be taken up . This we came to know only later. However we took this opportunity and furnished more details to the advocate Mr.Yogeswaran. Er.V.K.Gupta and myself met this advocate at Delhi on Jan 20<sup>th</sup> 2012.

### **Research Centre:**

Some of our Expert members especially persons like Er.V.Kasi, Project Planner felt that an advance Research Centre is necessary. Hence, we need to concentrate on Research which will promote water regulation by Remote Sensing, Advance flood warning system required for our project. We do not have this facility anywhere in our Country though it is available in advanced Countries like USA, Netherlands etc.



Research Center Plot area near Kariapatti, Madurai

We started looking for a site. Mr.G.Ponraj (Tuticorin) who is fully involved in our project offered nearly 60 acres of plot near Tuticorin.

Meanwhile, when we had discussion at Thiruppur on this subject, Mr.P.K.Aarumugam MD, The Chennai Silks also readily offered 10 acres plot in Thiruppur. However, he suggested Research Centre near Madurai will be advisable for Administration reasons and suggested to get 20 acres plot near Madurai.

### **Delhi Visit:**

Went to Delhi on March 18<sup>th</sup>.2012. Met Mr.V.K.Gupta and had a discussion on the developments.

Mr.Gupta told me that NWDA (National Water Development Agency) has drawn Rs.10 Cr. twice for Feasibility Study of Bihar Waterways Project (BWP) based on our project. But they have not intimated us or involved us.

Then met Mr. M.S.Gupta, Director and Mr.Jha Central Water Commission Chairman at CWC office.

Met Water Resource Minister Mr.Pawan Kumar Bansal on the next day morning and had a brief discussion. Then, met Mr.Ajith Singh Minister for Aviation. As I know how for a long time, I met him as a courtesy call for a few minutes.

I went to western Court on March 22<sup>nd</sup> to meet Minister for Shipping Mr.G.K.Vasan. To my great surprise, I met there Mr.Paramalai, Ex.MLA and State Vice President of Congress Party . We have great respect for each other.

Mr.Paramalai arranged a separate meeting for me with the Minister. I explained the developments in the Supreme Court and informed that Ganga-Kumari National Waterways Project (NWP) is the only solution for Net Working of Rivers (NWR). He assured to talk to Ministry of Water Resources (MOWR) and do the needful and also assured to get a responsible position for me for implementing NWP.

I met Mr. Karventhan MP from Dharapuram at Minister G.K.Vasan's residence. Though I had already met him, I could not recognize him, but he recognized and said " You are Er.Kamaraj" Then only I could recognize him. He said that the great Er.K.L.Rao started ILR and you are going to complete. This is a good compliment and he knows my activities well.

I was given appointment to meet Mr. Rahul Gandhi, M.P and General Secretary, Congress Party on March 23<sup>rd</sup> at 9 A.M. Mr. Gupta and myself could meet him only at 10 A.M that too just for 5 minutes! . However we told him about NWP and its importance to the Country and that this project would bring fame to him and the party.

In the evening, Tamilmani and myself went to Minister Jeyapal Reddy's house and met him. I told him that Supreme Court has given direction to implement ILR / NWR and we should take this opportunity to implement. He is very particular that I must be given responsibility so that NWR is achieved.



River Bridge

I wanted to go to Haridhwar and see Ganga. Many of my previous attempts failed. However Mr.Gupta arranged the trip this time. Mr.Gupta, Tamilmani and myself left Delhi at 8 a.m on March 24<sup>th</sup> by a taxi. There was traffic jam en-route and we were held up for over 30 minutes. However we reached Roorkee around 12 noon and from there we went by Ganga canal route. The Ganga canal is big and water was flowing fast. It looked like a River.

Mr. Gupta wanted to show me how this big Ganga canal crosses many rivers en-route. We saw one such crossing and took photos. It was an ingenious work as how this was planned and executed meticulously. It is an engineering marvel.



River runs in Vally

We traveled along the bank of the Ganga canal for about 20 Km. It was a wonderful sight and the water was clear and running fast. There was another canal adjacent and running parallel for a long distance. This just reminded me of the balancing waterways and Navigation waterways proposed in our NWP.

We arrived Haridhwar at 3 p.m. After some rest, we went to Ganga river and had a dip. Later only, I

understood that is only Ganga canal but everyone treated it as Ganga river and worshiped with flowers. We also worshipped with flowers. The water was quite cold though it was 5 pm having bright sun and the current was high.

First, we saw the regulator across Ganga River about 400 to 500 m wide and took photos. The Ganga canal took on the right bank exactly perpendicular to the river. It reminded me how the balancing waterway will take off from any river intersection! This canal is almost 100 m wide at the regulators and water was running fast. This is the main Ganga canal which people look it for main river. There appeared to be a canal on the left flank also.

Then we reached Rishikesh. The river is not as wide as in Haridhwar. The reason is that there are many tributaries between Haridhwar and Rishikesh. We crossed the river in Lakshman Bridge at Rishikesh. After seeing some places, we went up Ganga river for about 6 Km. The river runs in a vally deep down between two hills and is smaller but the current is high . We could see people go for trekking in boats. Took some photos.

On 26<sup>th</sup> , we met Mr.Arunkumar at his office. He assured that he can arrange a meeting of MPs including the 28 JDU MPs. Then met Mt.Manicka Tagore at his residence. He gave me the list of MPs who have raised questions in the Parliament and there were 42 MPs. It is indeed a good sign. Mr.Manicka Tagore said that he would arrange the meeting of MPs so that they can jointly press Prime Minister for NWP.

We feel that our concentration should be Tamilnadu and Andhra besides other Southern States. We will be happy to get your feedback and comment.

With Regards,

Yours Sincerely,  
A.C.Kamaraj