

Geography

Manual on using EduVenture[®] VR to develop fluvial virtual field trip teaching materials in geography

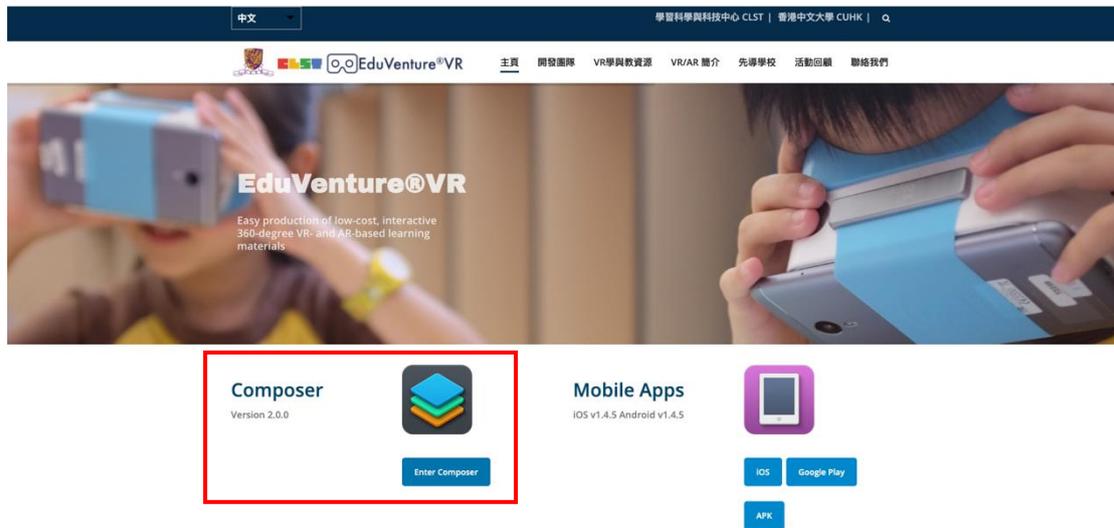


香港中文大學 學習科學與科技中心

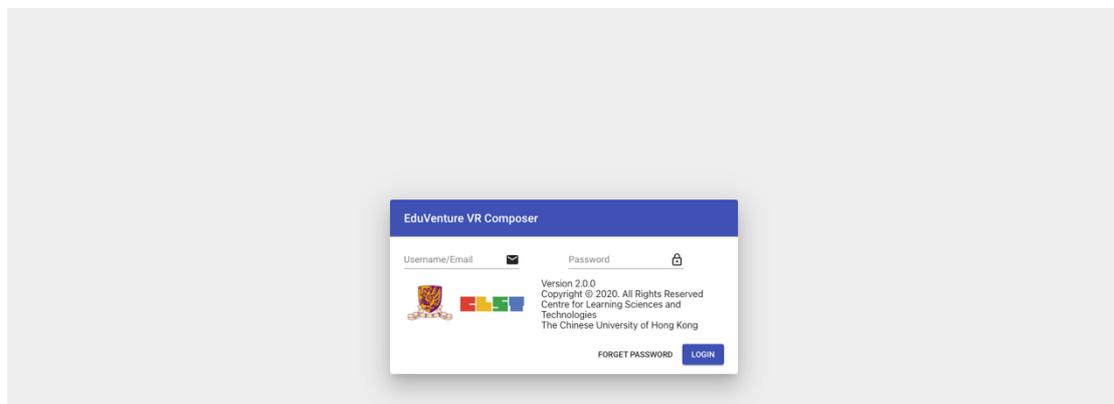
Curriculum Development Institute, Education Bureau
e-Learning in Geography Series (20):
Workshops on using information technology to develop
geography virtual fieldwork materials on rivers (New)

Teacher can follow this manual to use EduVenture VR and create a VR field study kit about river or other geographical topics.

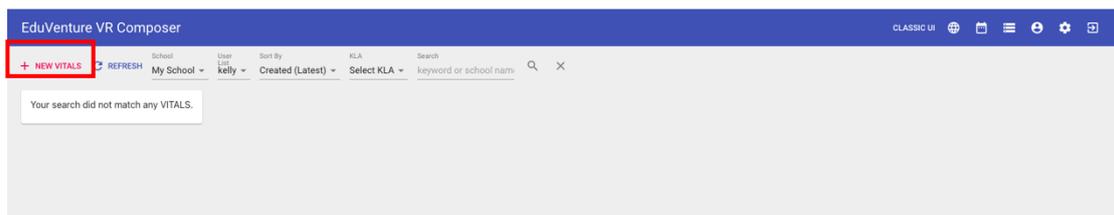
1. Enter EduVenture®VR Website <http://vr.ev-cuhk.net/zh/>
2. Click “Enter Composer”



3. Login to EduVenture®VR Composer



4. Click “New Vitals”



5. Enter the information of the new VITALS:

Name: Virtual field study in Kam Tin River: how the river management strategies change the river characteristics (Case study of Kam Tin River)

Description: For senior secondary geography fluvial field trips

KLA: P.S.H.E.

New VITALS

1 Details ————— 2 Cover Image ————— 3 Publish

Name _____

Description _____

KLA Select KLA ▾

CANCEL **NEXT**

6. Insert a cover photo

New VITALS

✓ Details ————— 2 Cover Image ————— 3 Publish



Supported file type: jpg / jpeg / png **DELETE**

BACK **NEXT**

New VITALS

✓ Details ————— ✓ Cover Image ————— 3 Publish

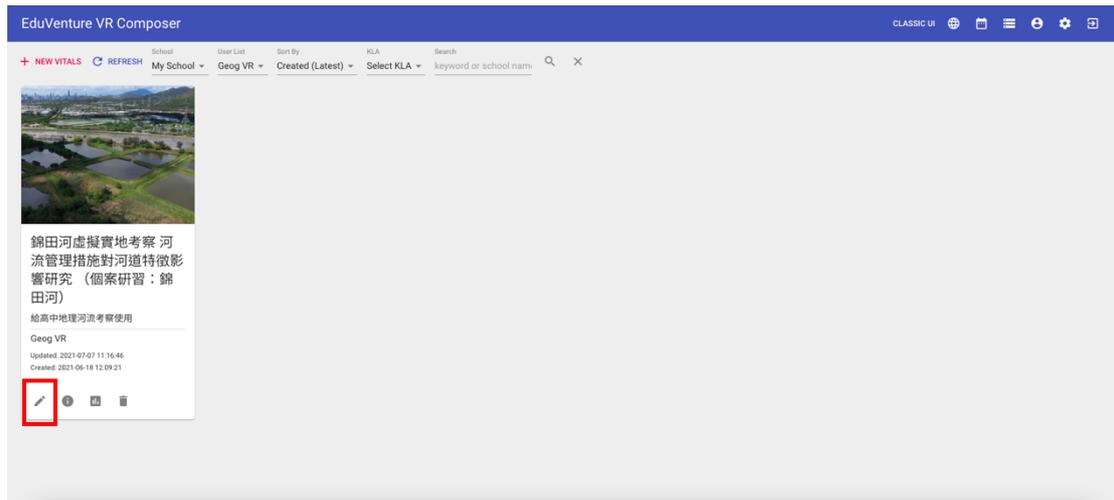
Sharable Private ▾
VITALS can be accessed by your school only

Publish Yes ▾
VITALS is visible in the app

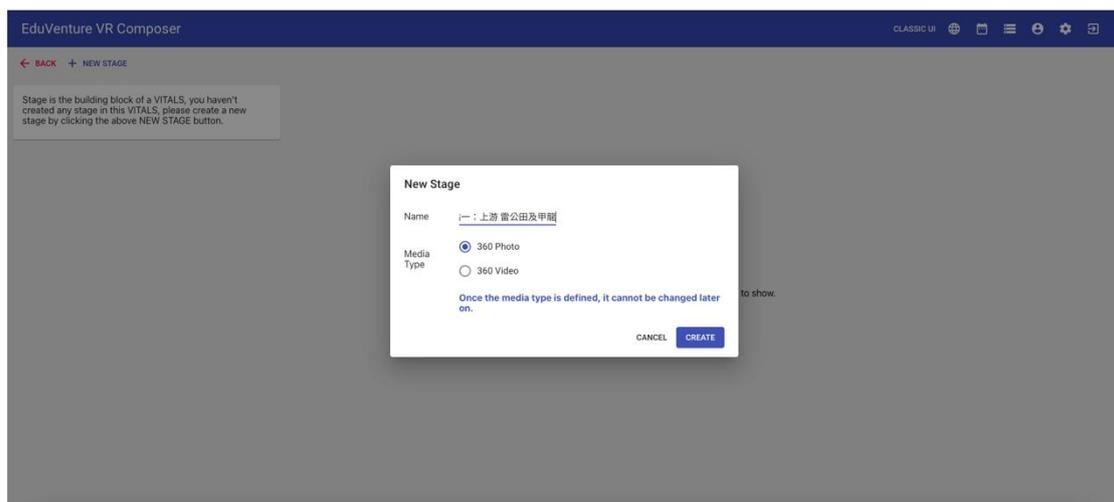
Manual start Yes ▾
Pause at the beginning

BACK **FINISH**

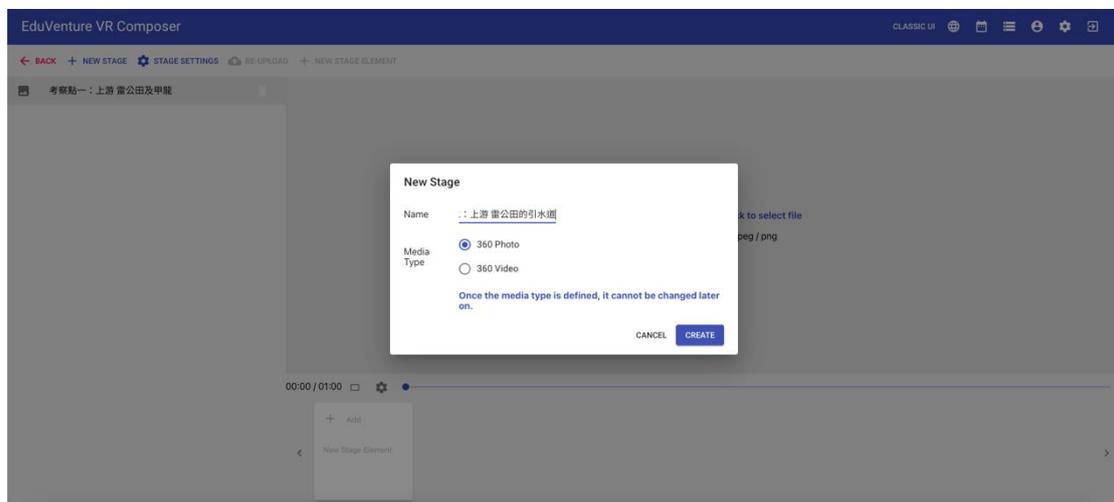
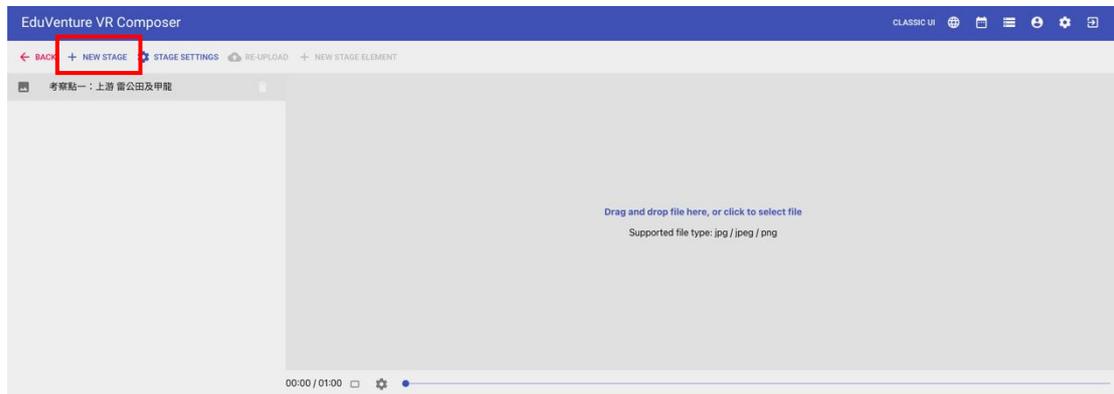
7. Click “Edit”



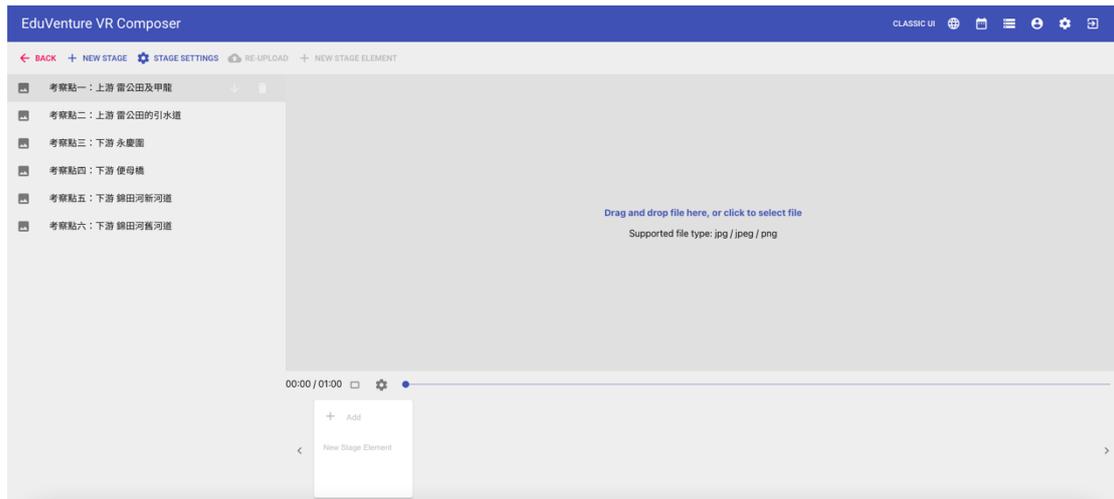
8. Create a new stage and type its name “Field site 1: Upper course in Lui Kung Tin and Kap Lung”. Choose “360 Photo” for media type, and press “Create”



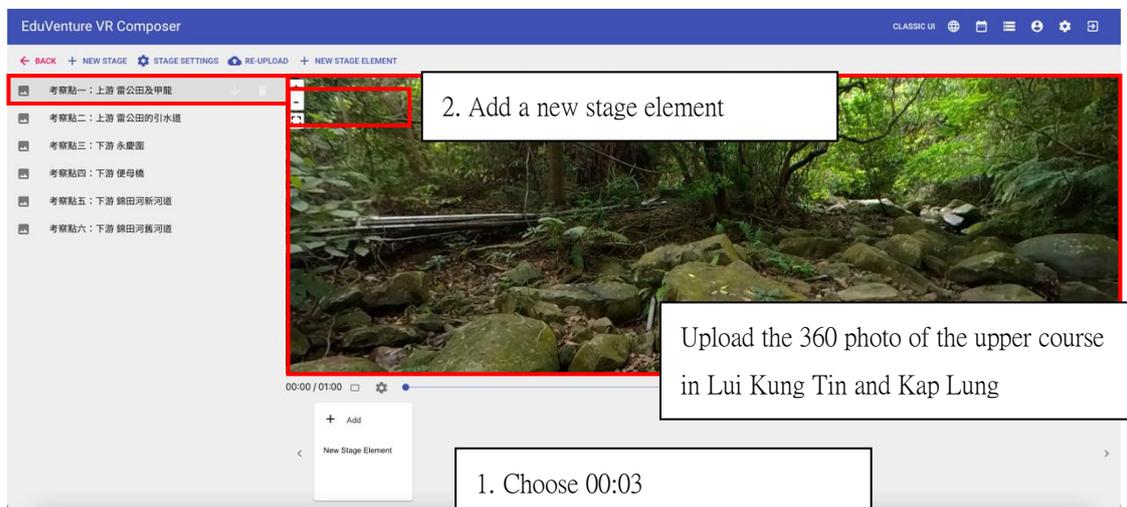
9. Create another new stage again and type its name “Field site 2: Upper course in Lui Kung Tin Catchwater”. Choose “360 Photo” for media type, and press “Create”



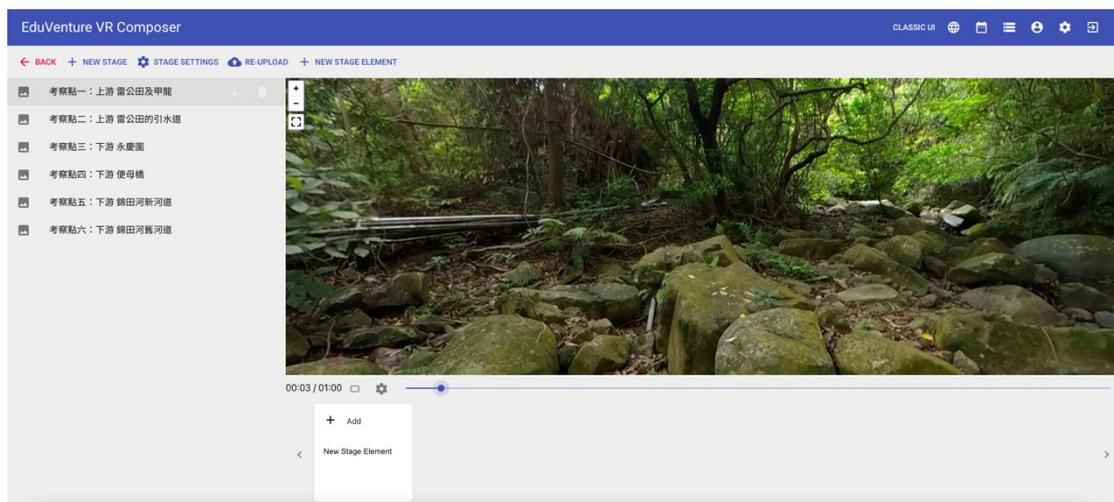
10. Repeat the above steps to create stages for 【Field site 3: Lower course in Wing Hing Wai】 , 【Field site 4: Lower course under Bin Mo Bridge】 , 【Field site 5: Lower course of the new channel of Kam Tin River】 , 【Field site 6: Lower course of the old Kam Tin River】 , 【Aerial photos (Field site 4)】 , 【Aerial photos (Field site 4 and 5)】 and 【Aerial photos (Field site 6)】



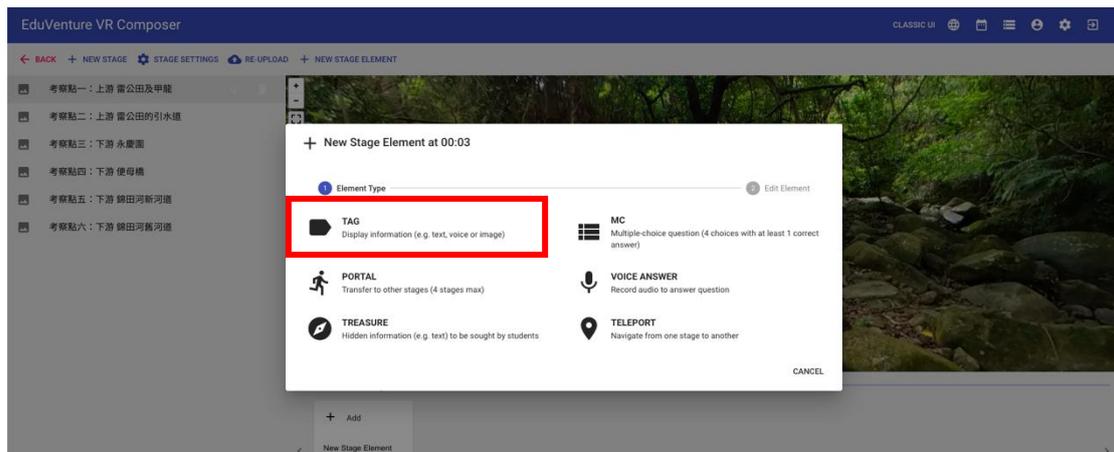
11. Press **【Field site 1: Upper course in Lui Kung Tin and Kap Lung】**
 Upload the 360 photo of the upper course in Lui Kung Tin and Kap Lung



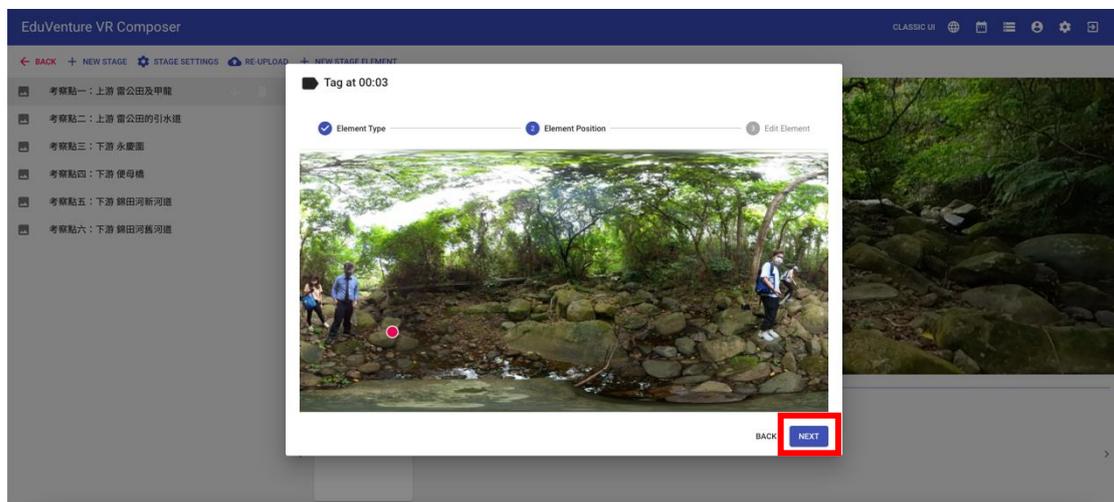
12. Insert a new stage element at 00:03



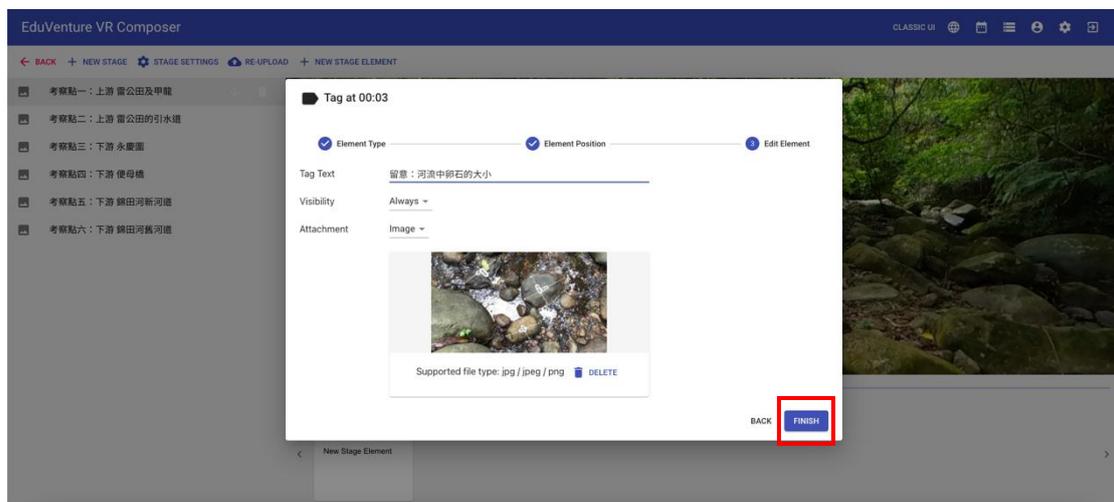
13. Choose "TAG"



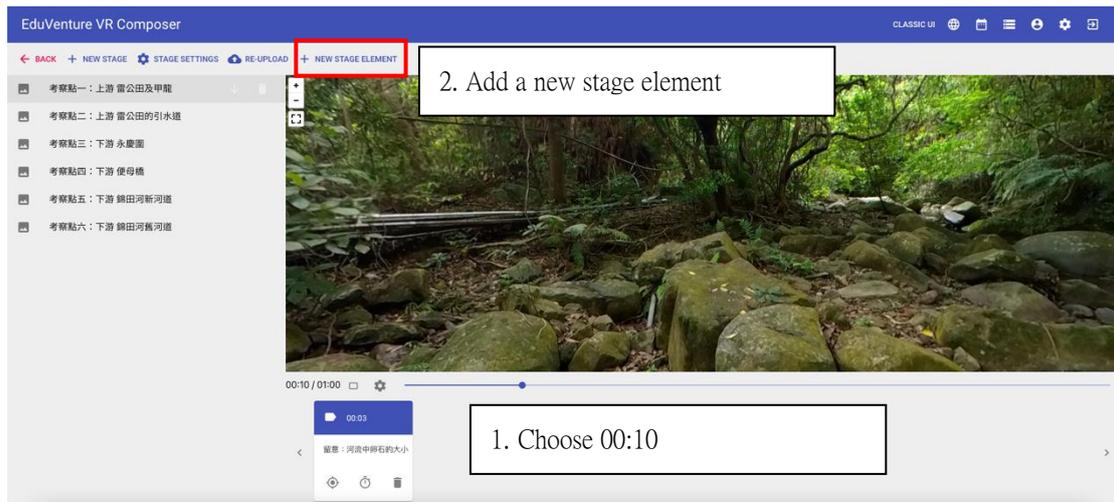
14. Locate the tag with a red dot, and then press "NEXT"



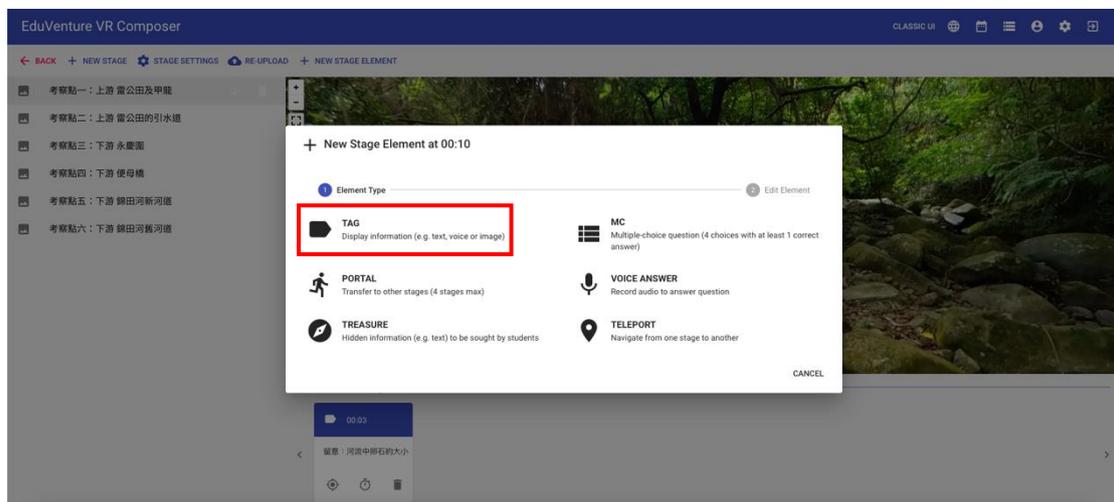
15. Enter the tag text 【Attention: the pebble size in the river】, attach a photo and then press "FINISH"



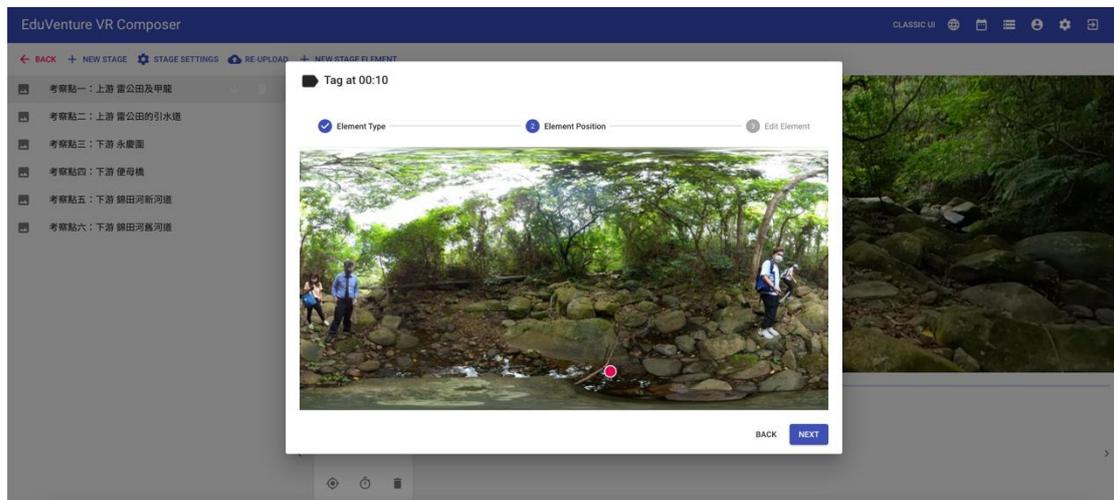
16. Add a new stage element at 00:10 ◦



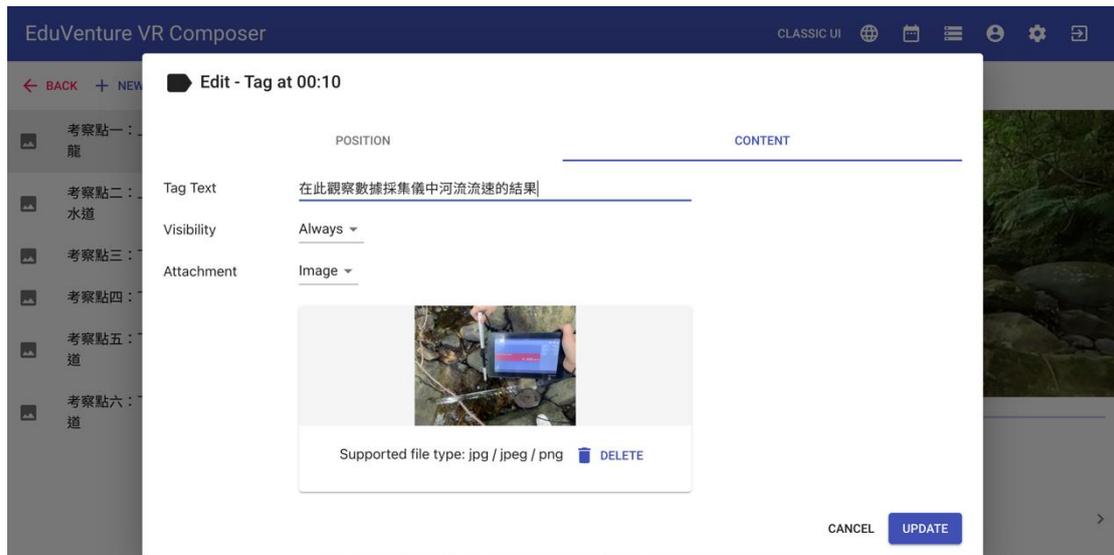
17. Choose "TAG"



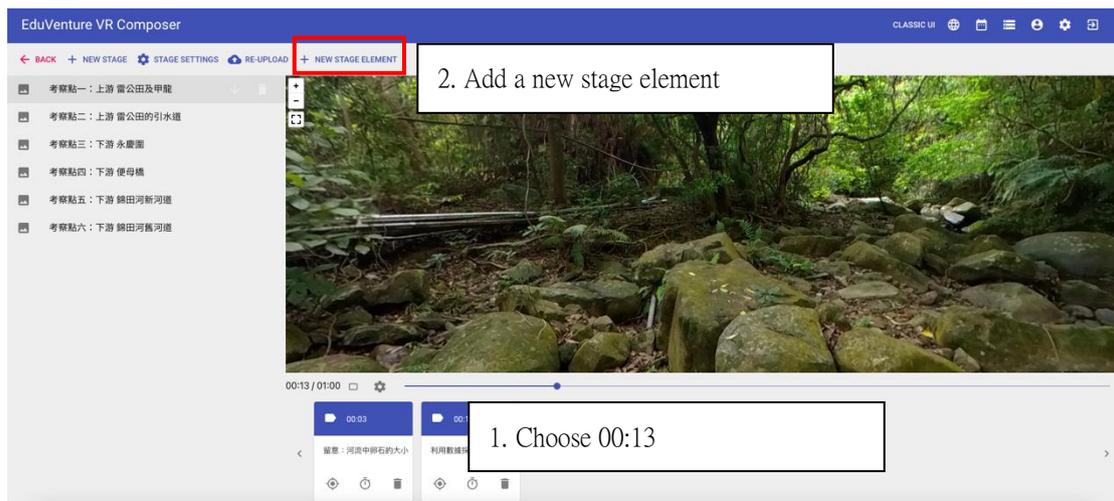
18. Locate the tag with a red dot, and then press "NEXT"



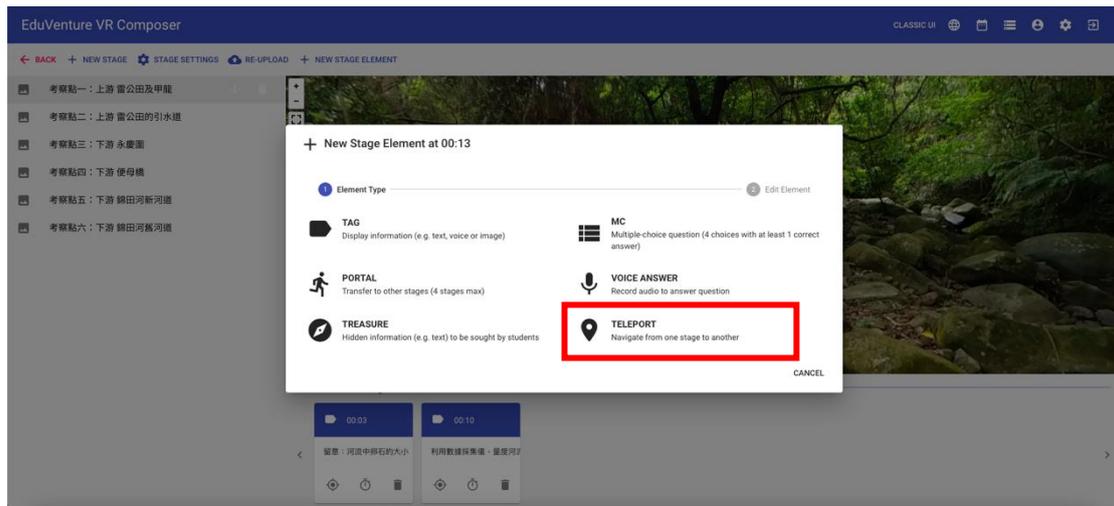
19. Enter the tag text “observe the results of the river flow rate in the data logger here”, attach a photo, and then press “Finish”



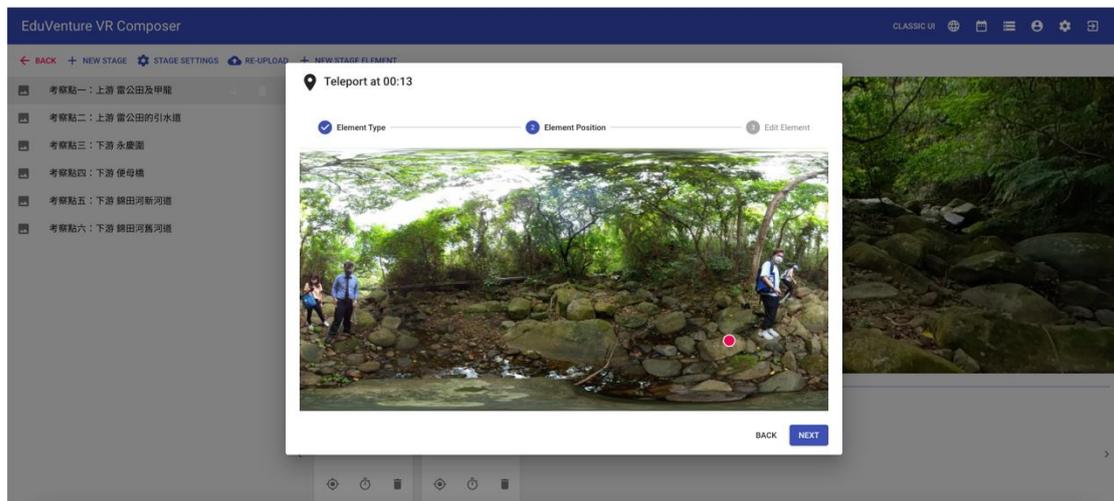
20. Add a new stage element at 00:13 ◦



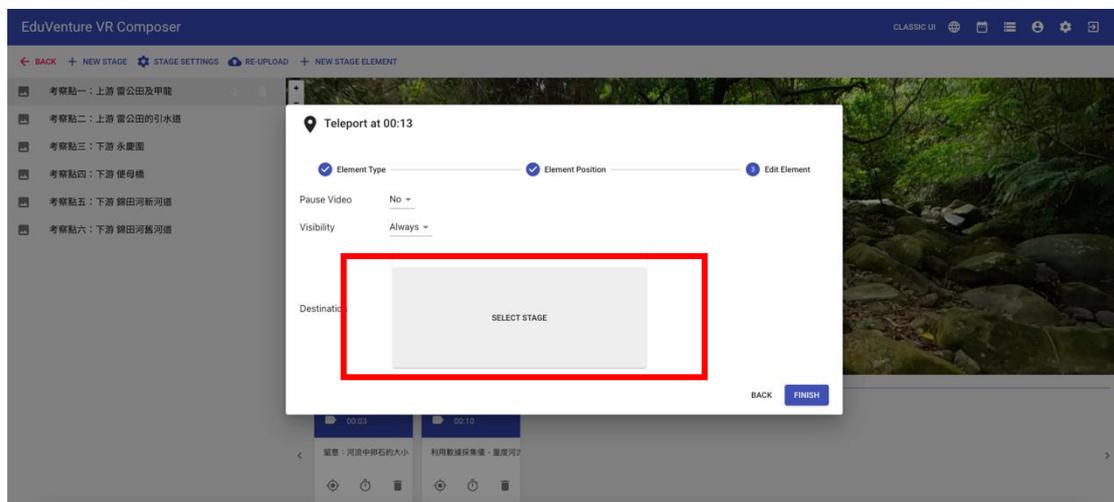
21. Choose "TELEPORT"

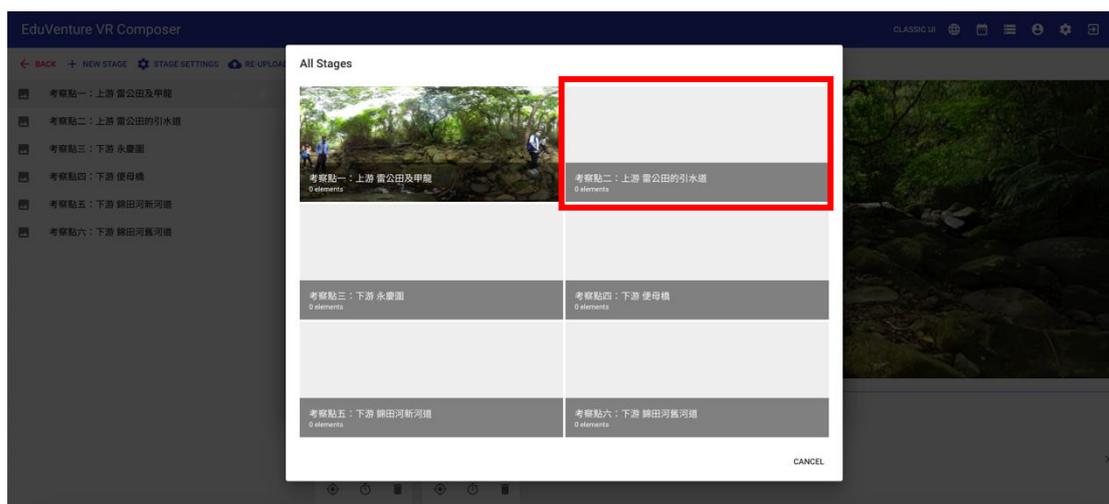


22. Locate the teleport with a red dot, and then press "NEXT"

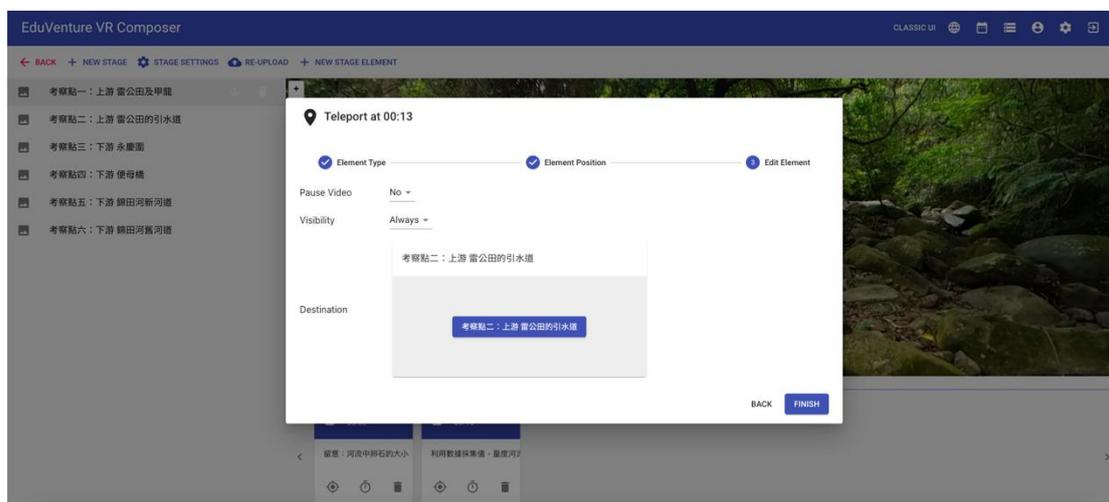


23. Choose the next destination and select 【Field site 2: Upper course in Lui Kung Tin Catchwater】

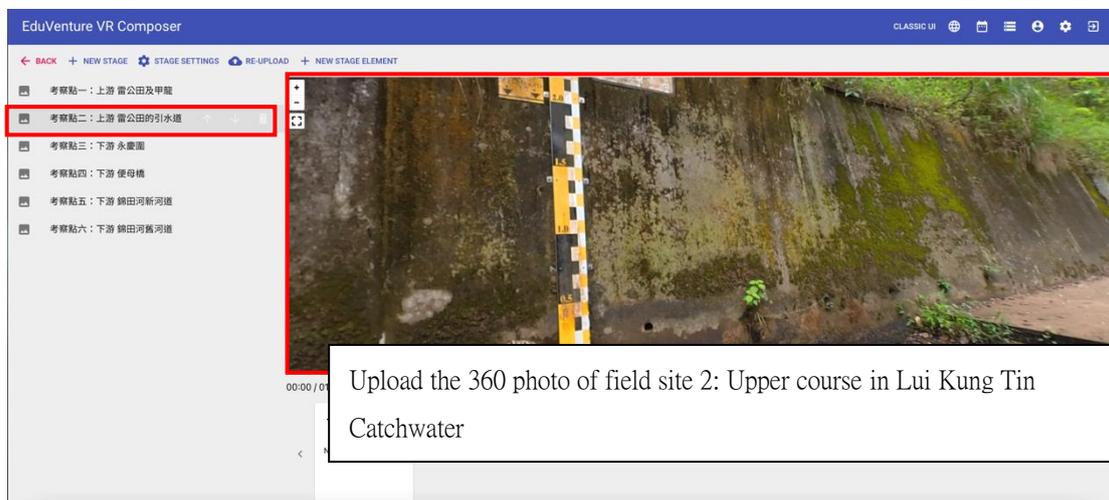




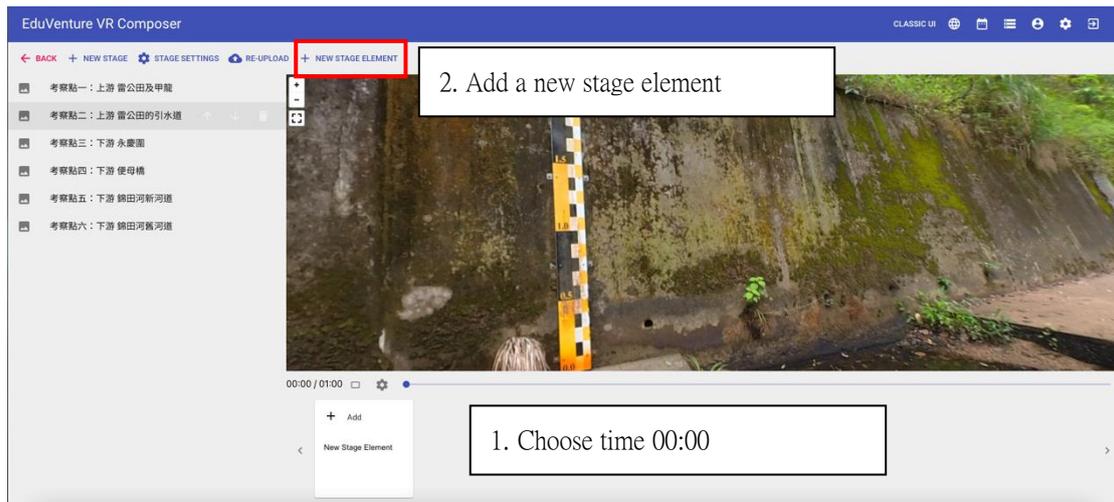
24. Press “FINISH”



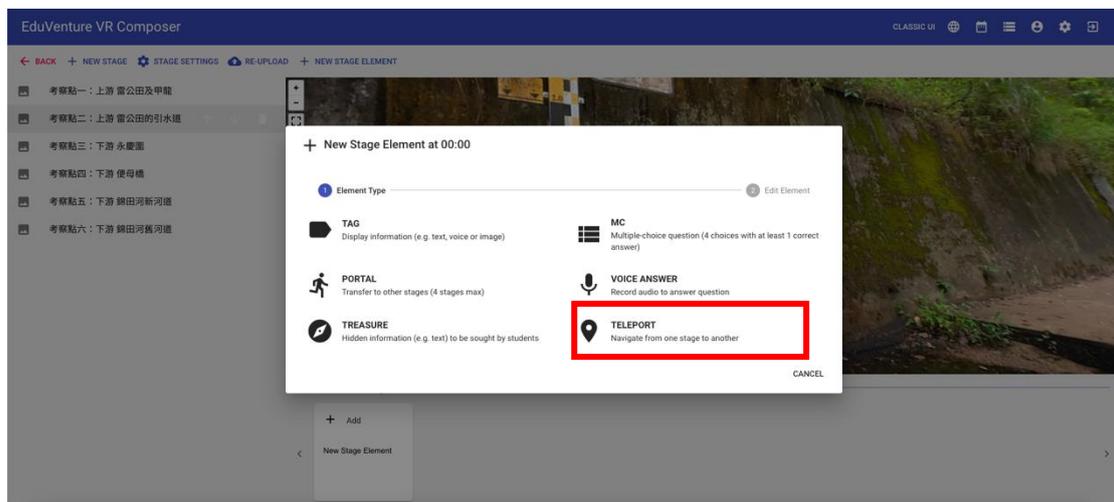
25. Go to the page 【Field site 2: Upper course in Lui Kung Tin Catchwater】. Upload the 360 photo of field site 2: Upper course in Lui Kung Tin Catchwater.



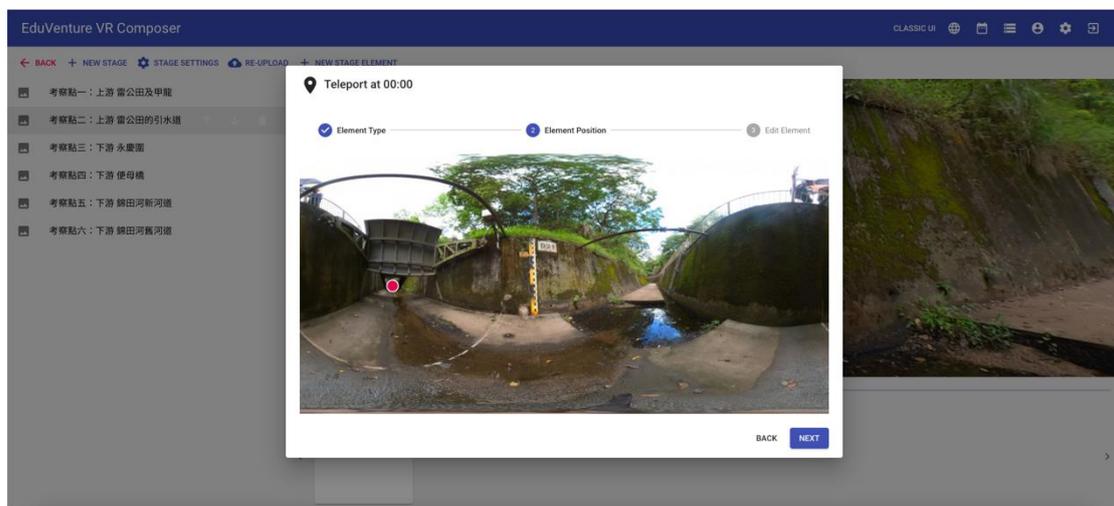
26. Add a new stage element at 00:00.



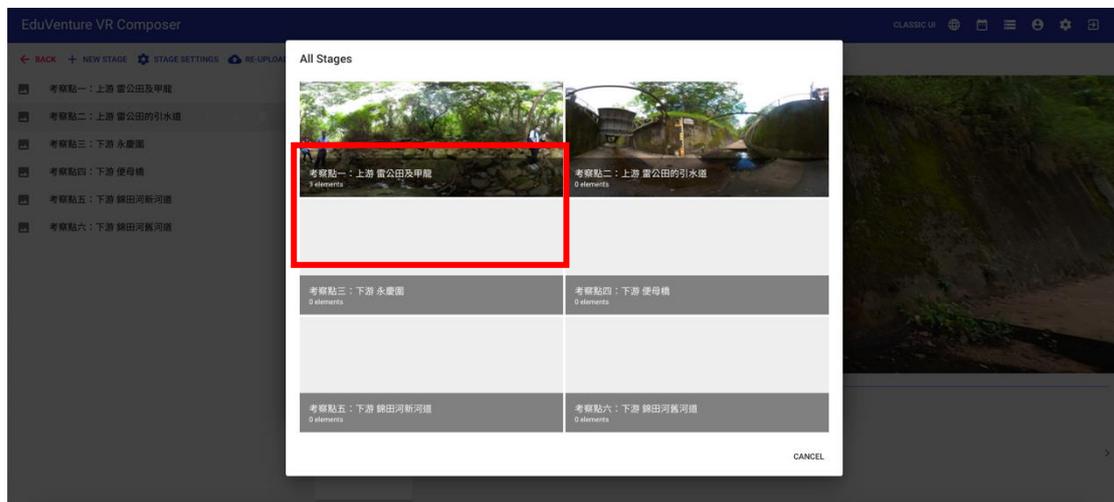
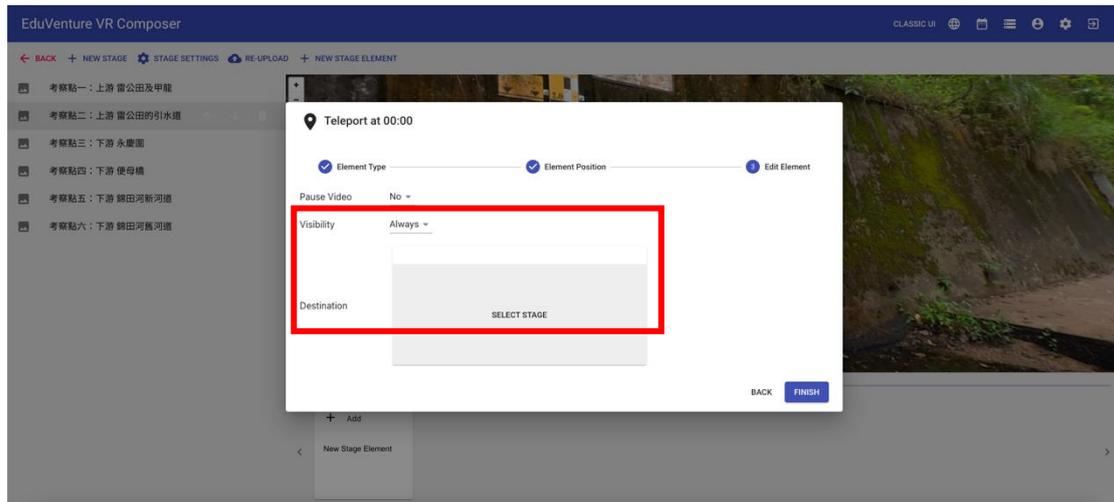
27. Choose "TELEPORT"



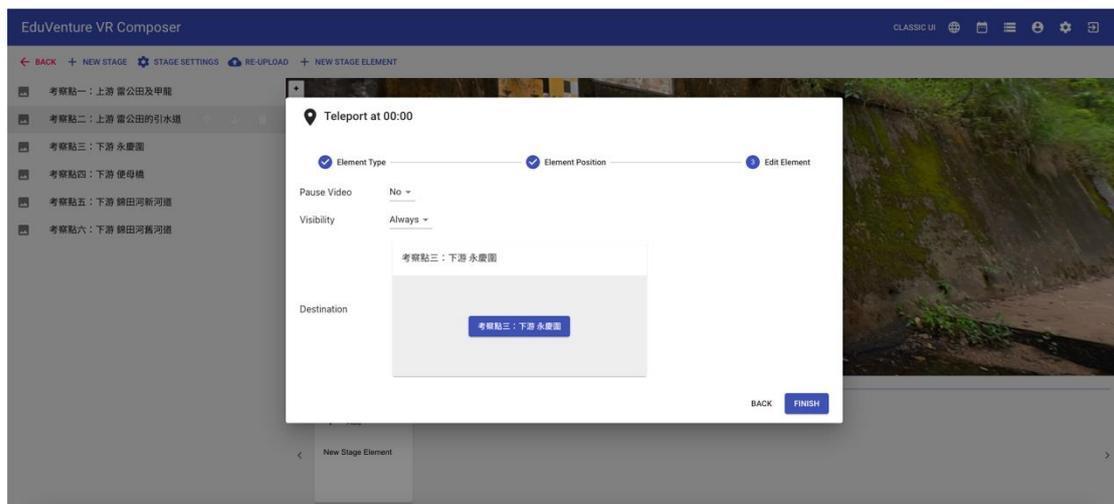
28. Locate the teleport with a red dot, and then press "NEXT"



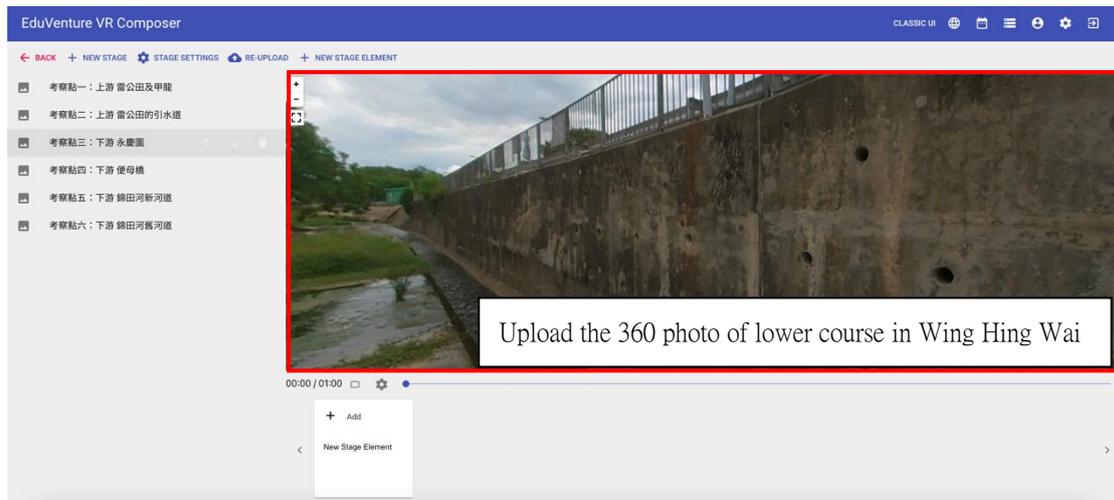
29. Choose the next destination and select 【Field site 3: Lower course in Wing Hing Wai】



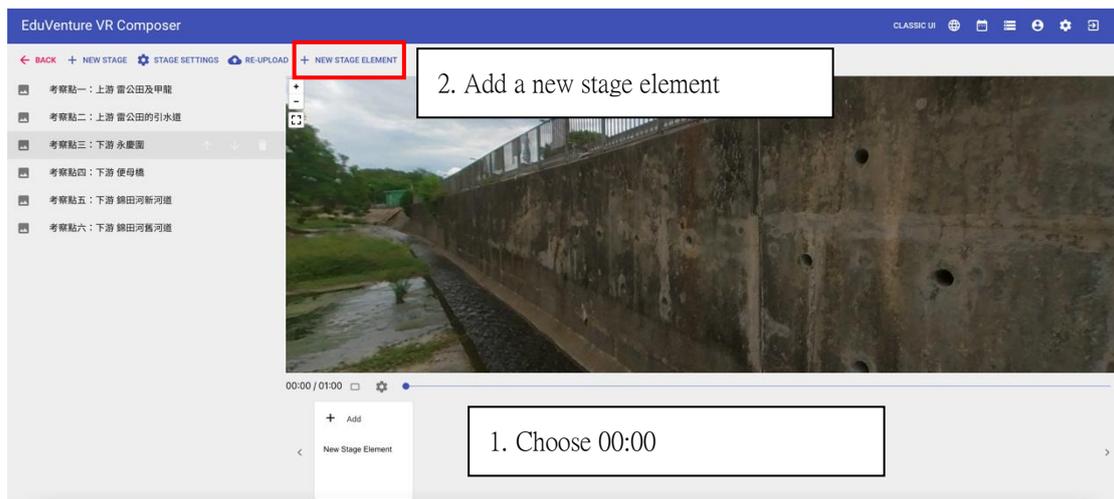
30. Press “FINISH”



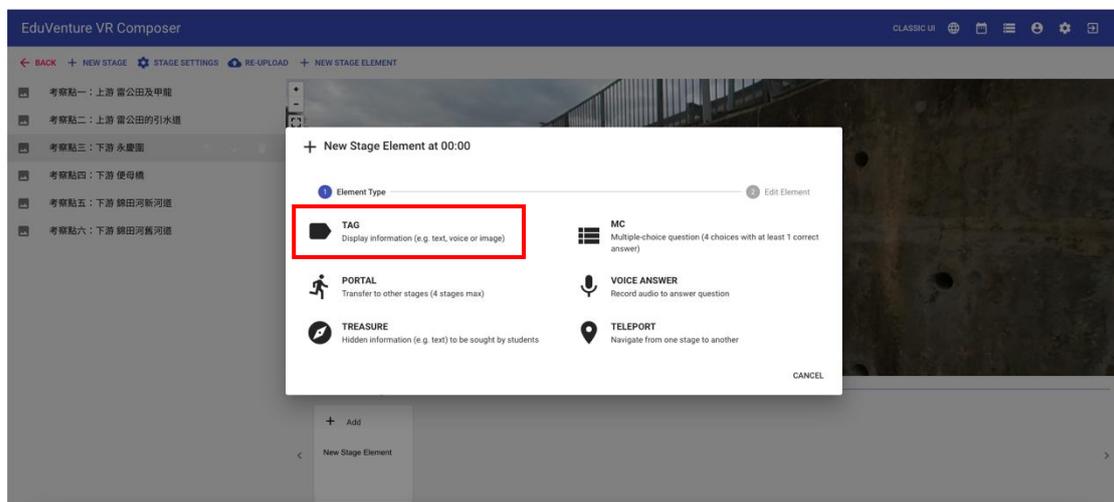
31. Go to 【Field site 3: Lower course in Wing Hing Wai】
Upload the 360 photo of lower course in Wing Hing Wai



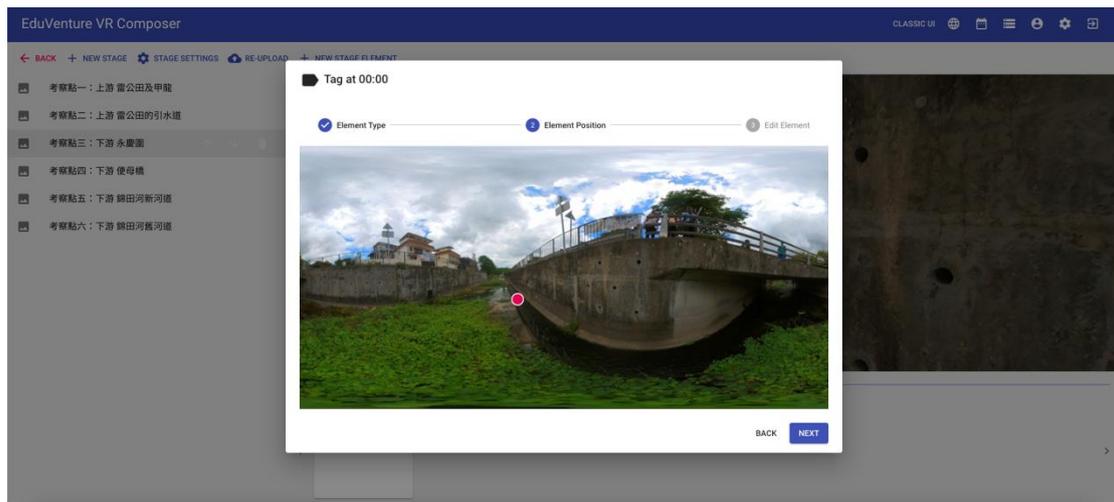
32. Add a new stage element at 00:00.



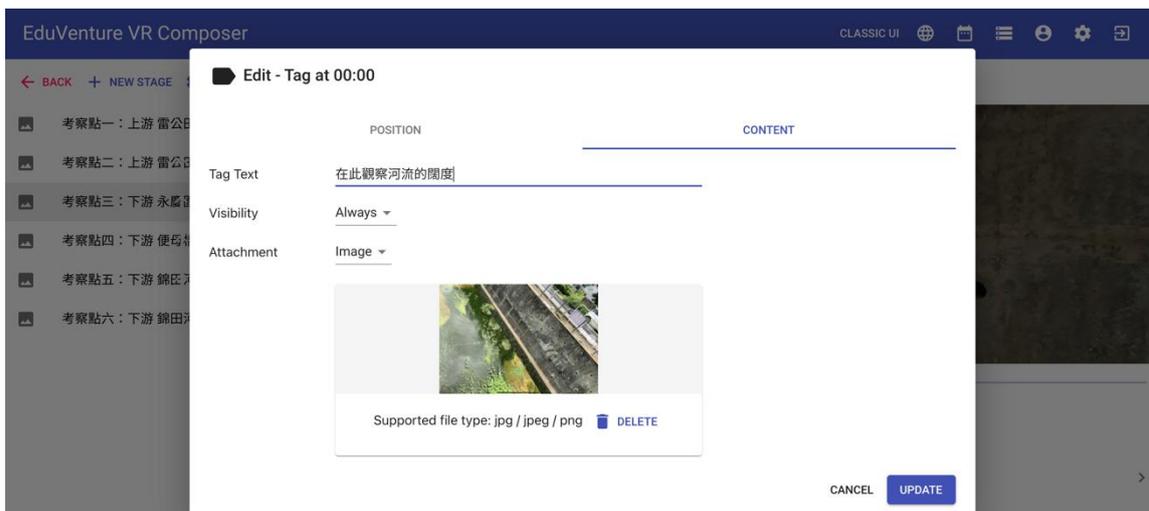
33. Choose "TAG"



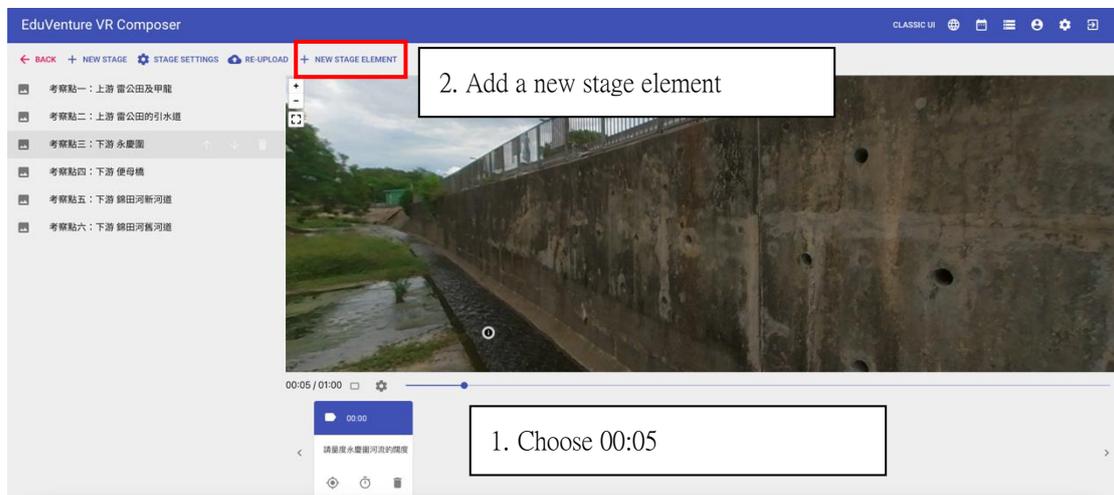
34. Locate the tag with a red dot, and then press “NEXT”



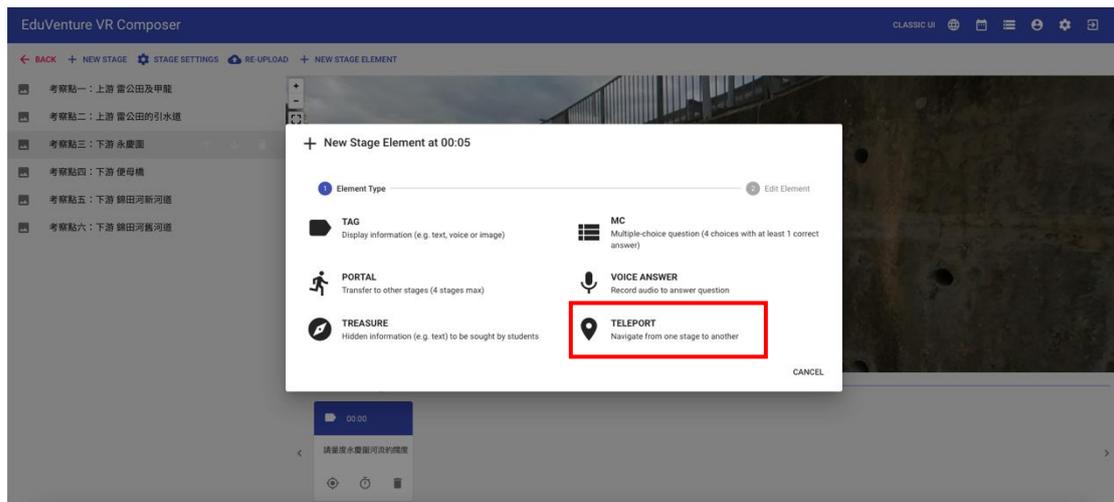
35. Enter the tag text 【Here to see the channel width】 , attach image, and press “FINISH”



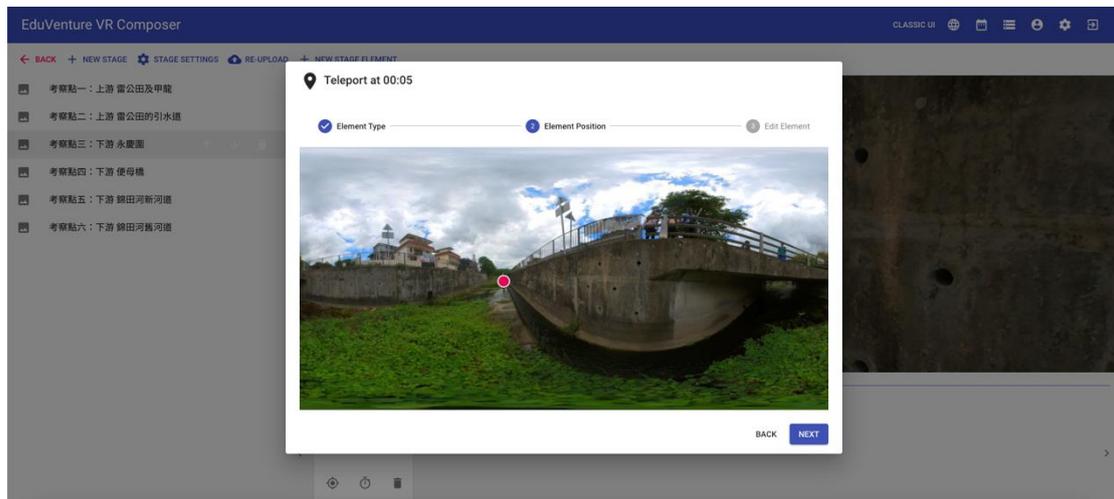
36. Add a new stage element at 00:00



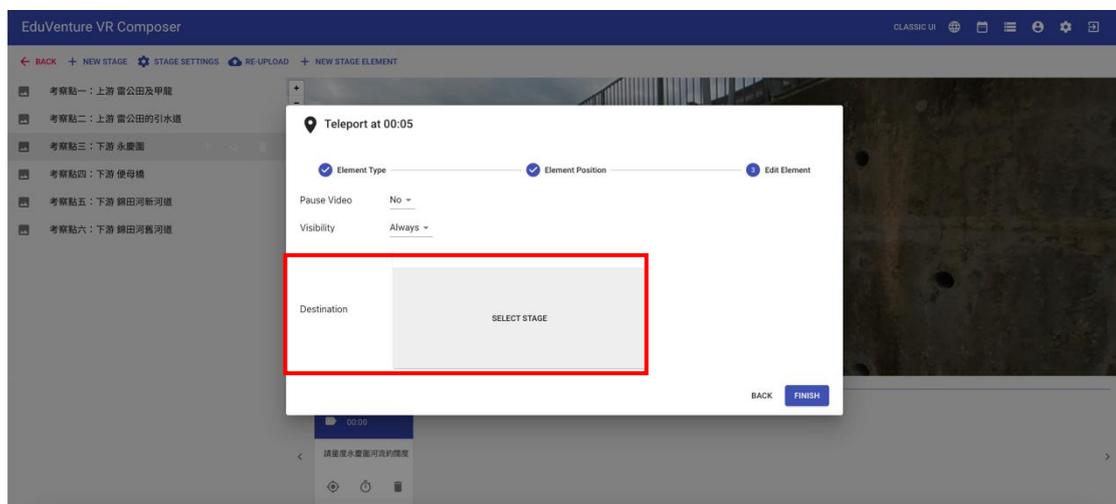
37. Choose "TELEPORT"

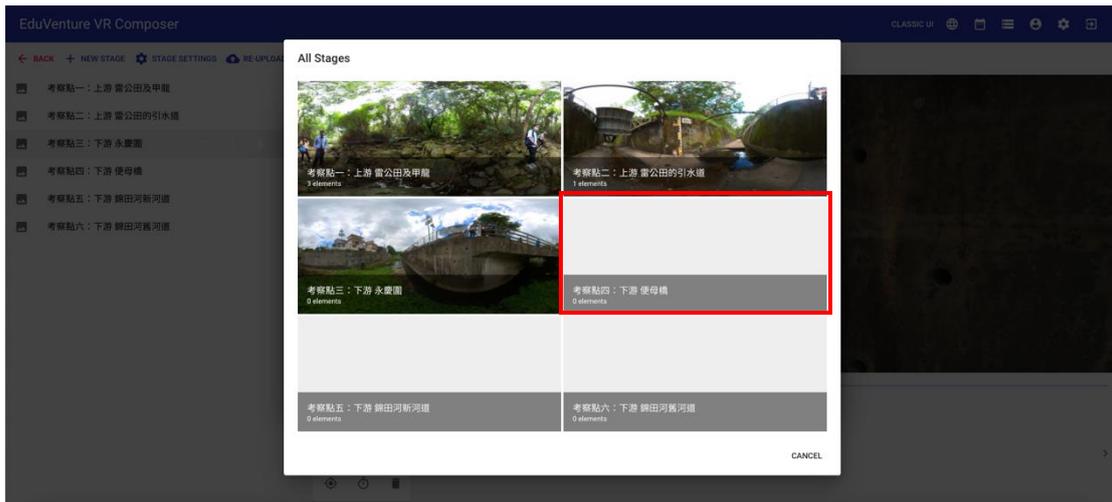


38. Locate the teleport with a red dot, and then press "NEXT"

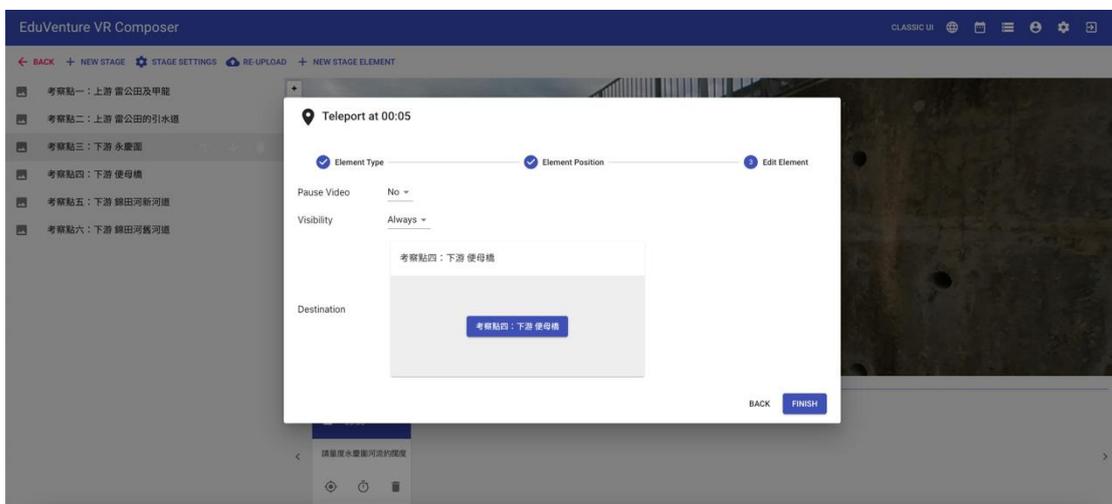


39. Go to 【Field site 3: Lower course in Wing Hing Wai】



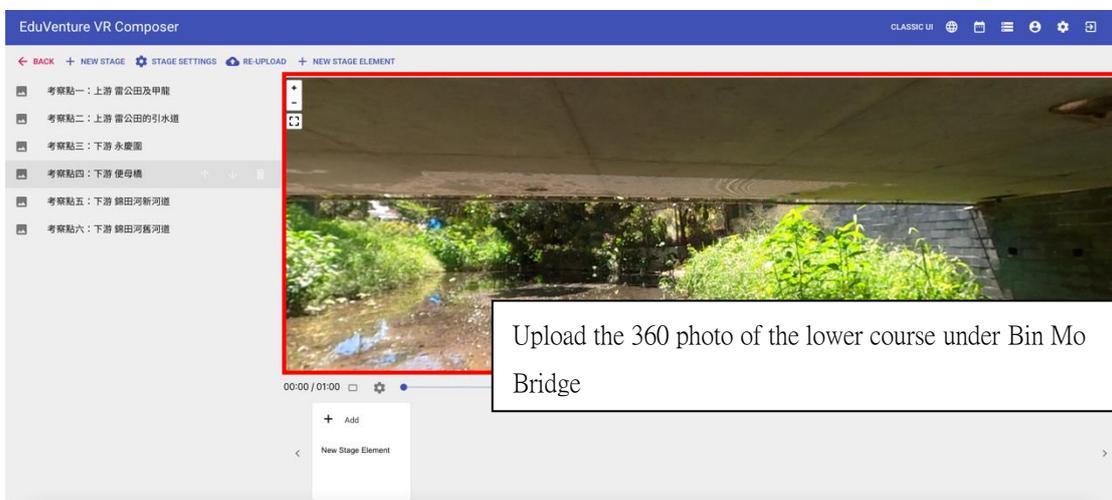


40. Press “FINISH”

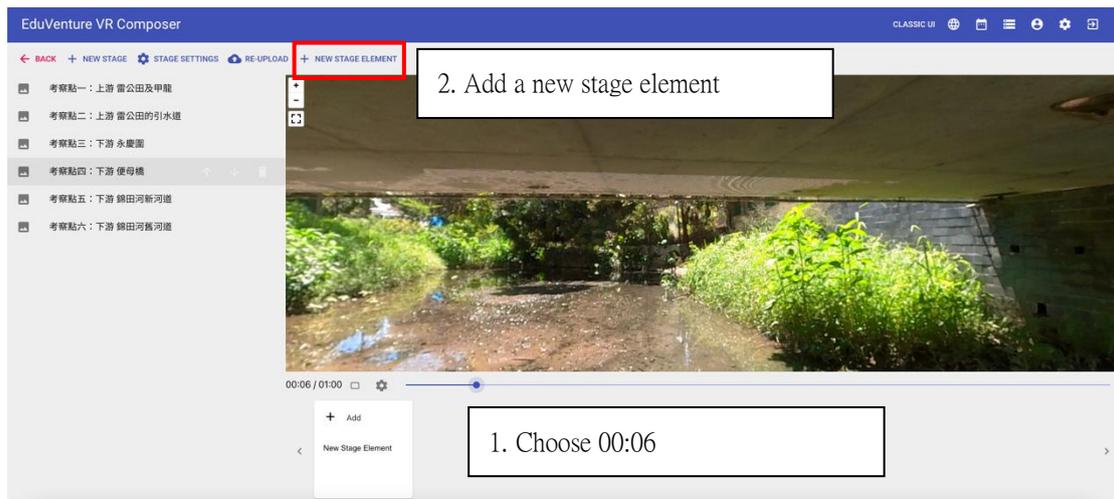


41. Go to 【Field site 4: Lower course under Bin Mo Bridge】

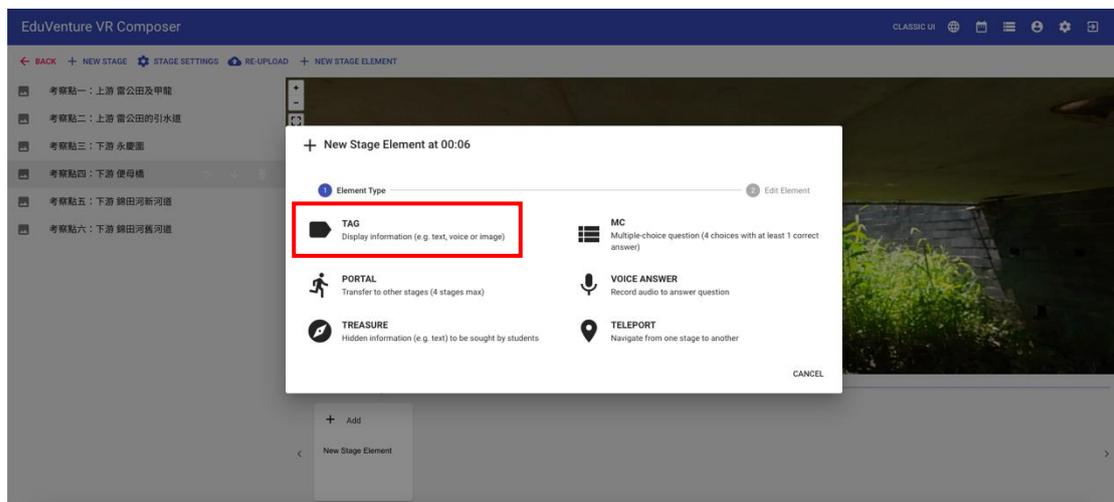
Upload the 360 photo of the lower course under Bin Mo Bridge



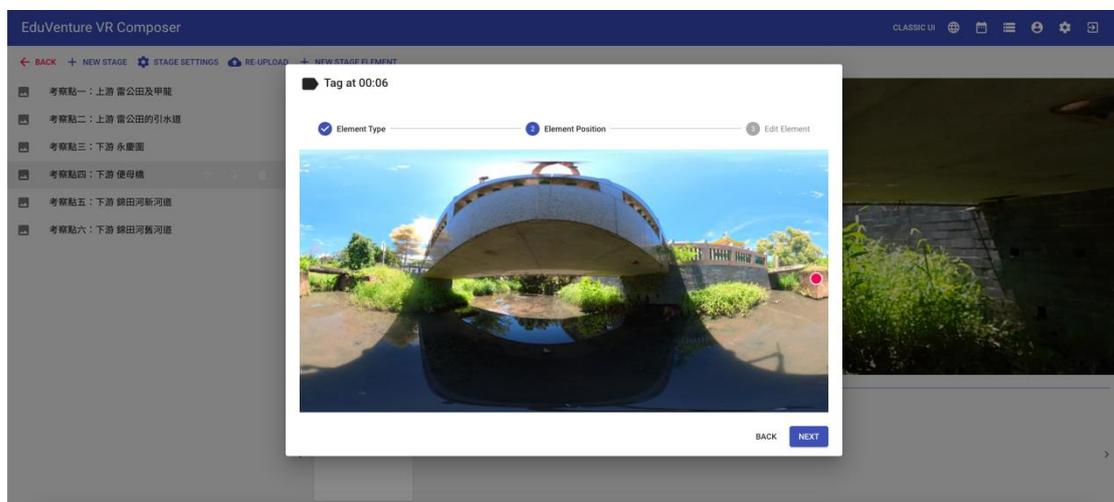
42. Add a new stage element at 00:06 ◦



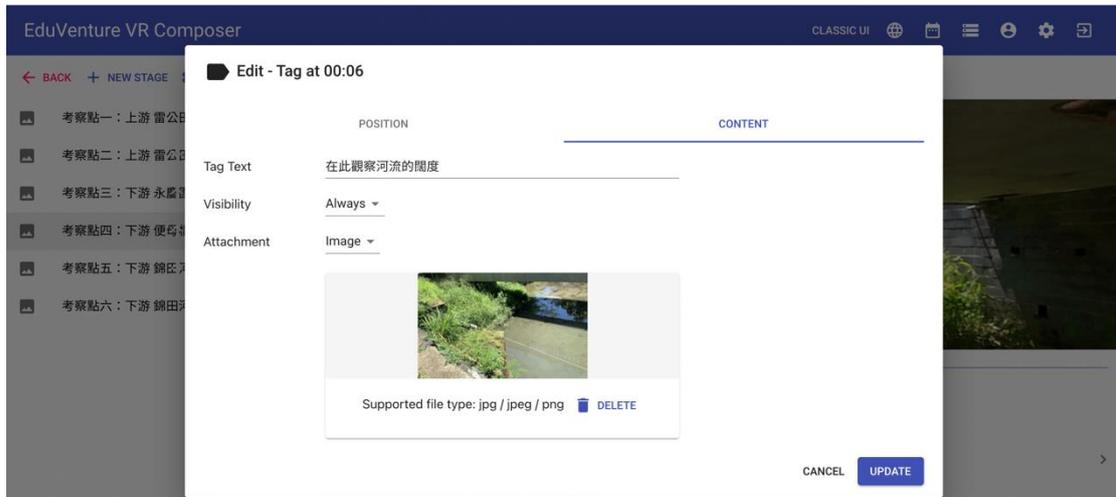
43. Choose “TAG”



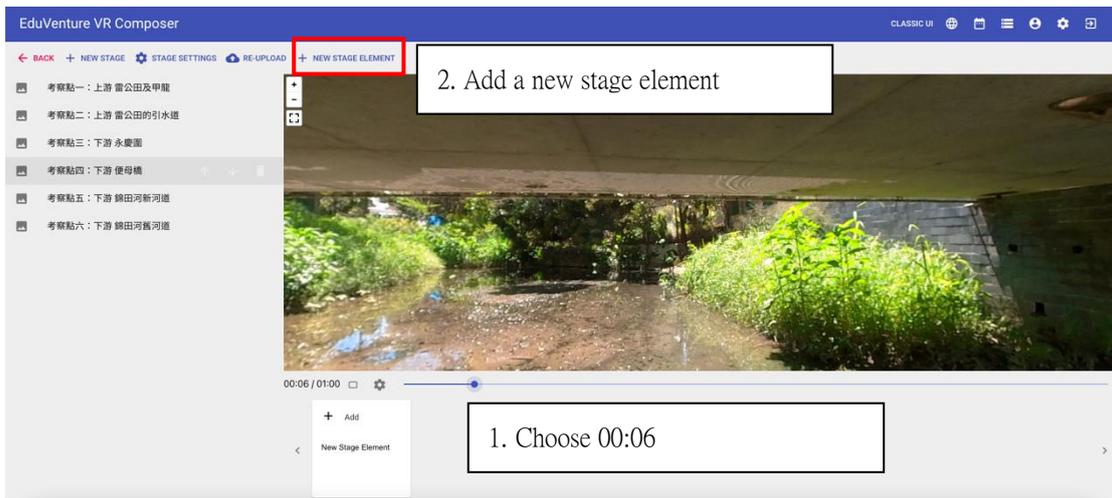
44. Locate the tag with a red dot, and then press “NEXT”



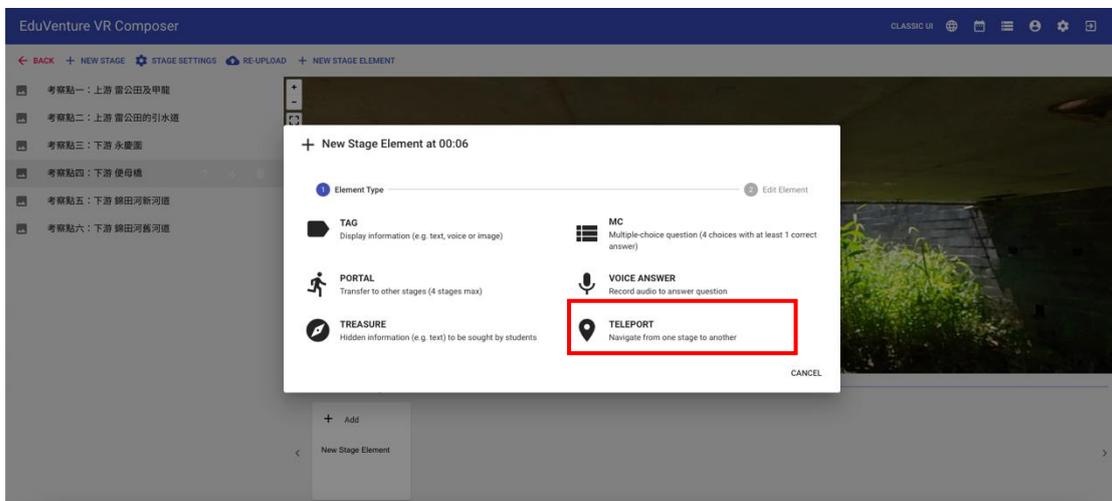
45. Enter the tag text 【Here to see the channel width】 , attach the photo and press “FINISH”



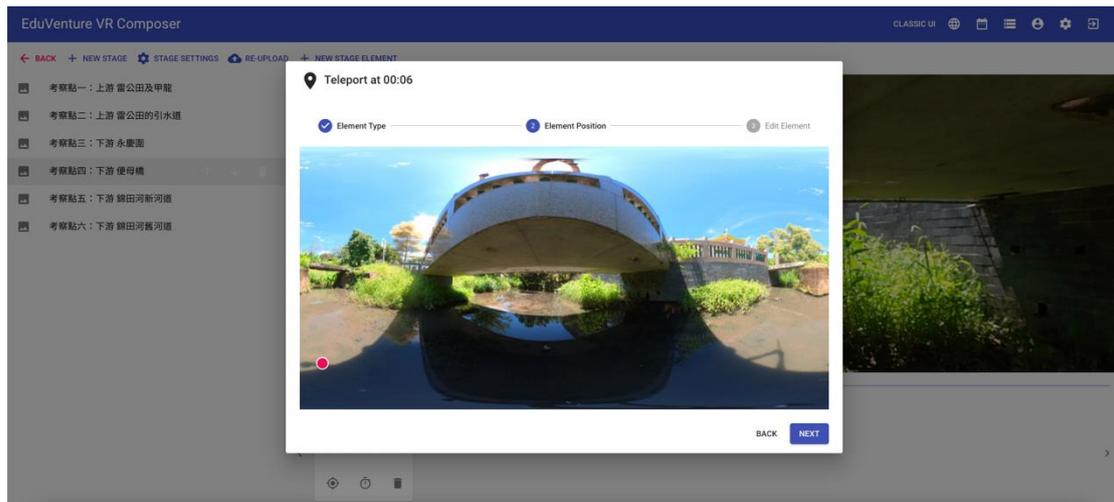
46. Add a new stage element at 00:06.



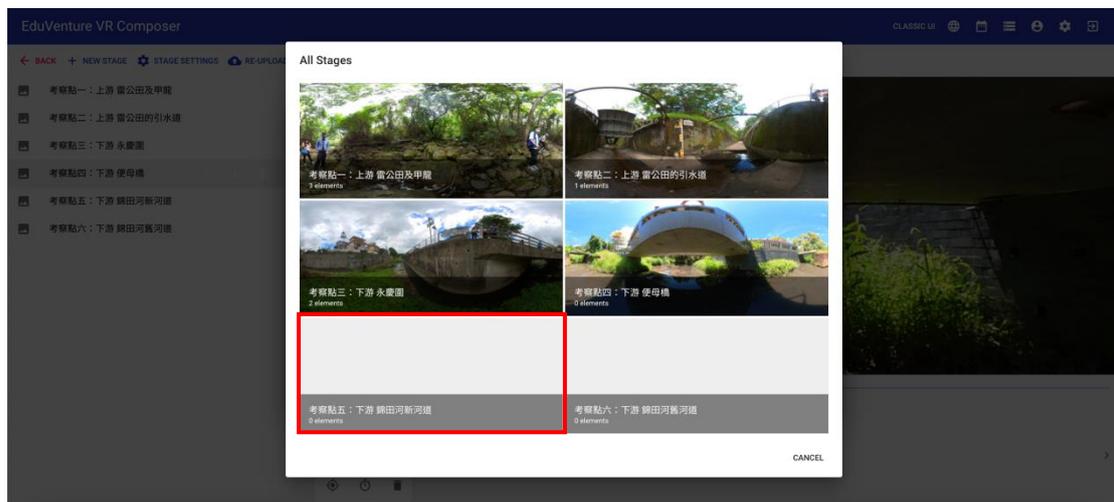
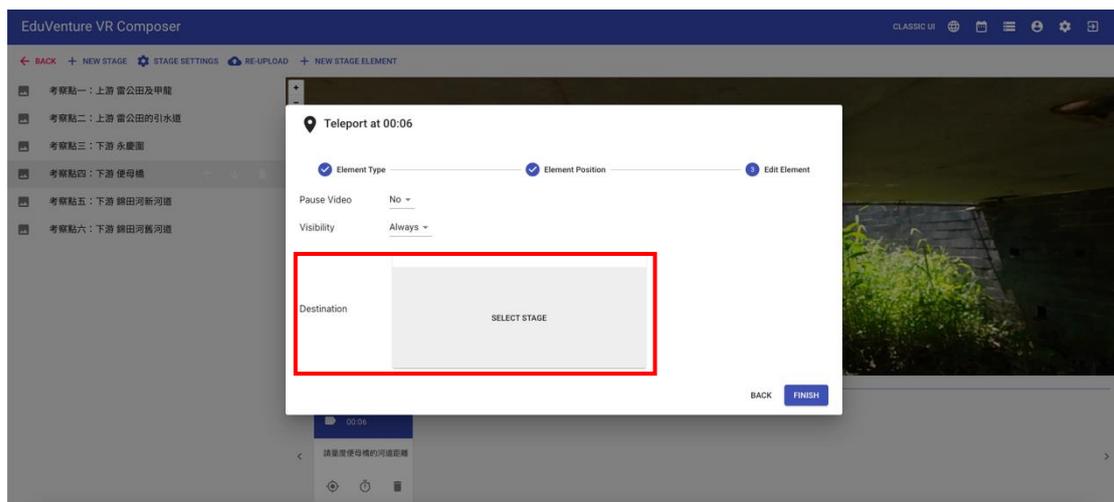
47. Choose “TELEPORT”



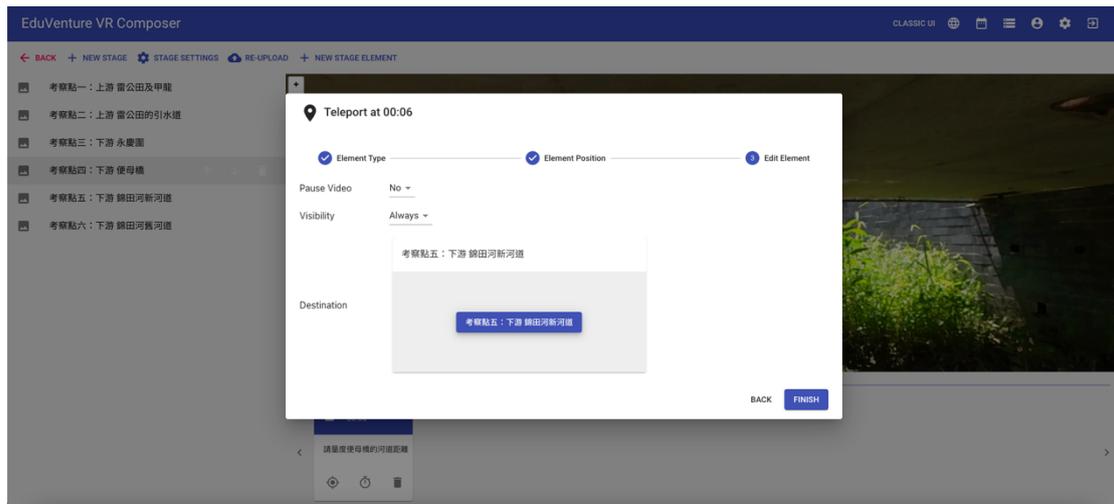
48. Locate the teleport with a red dot, and then press “NEXT”



49. Choose the next destination 【Field site 5: Lower course of the new Kam Tin River】

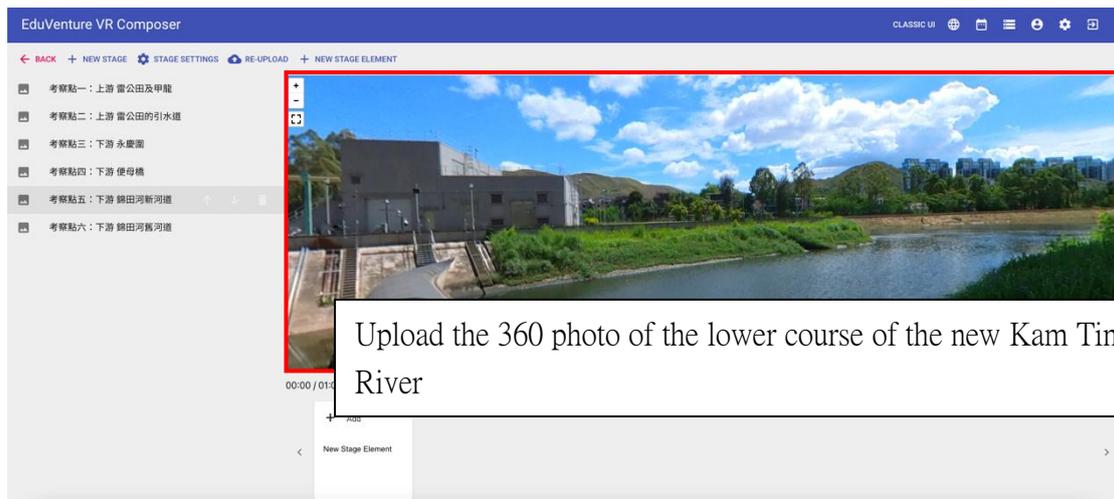


50. Press “FINISH”

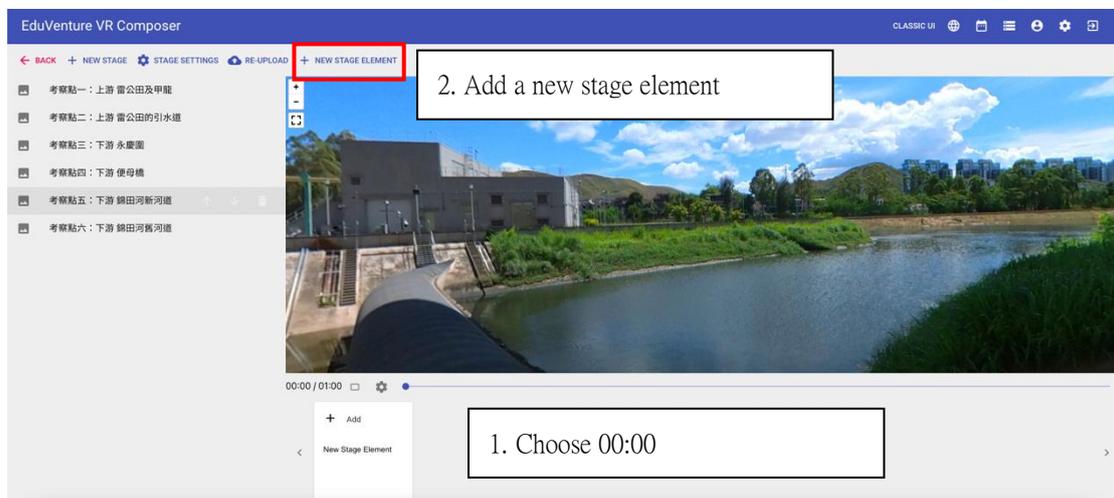


51. Choose 【Field site 5: Lower course of the new Kam Tin River】

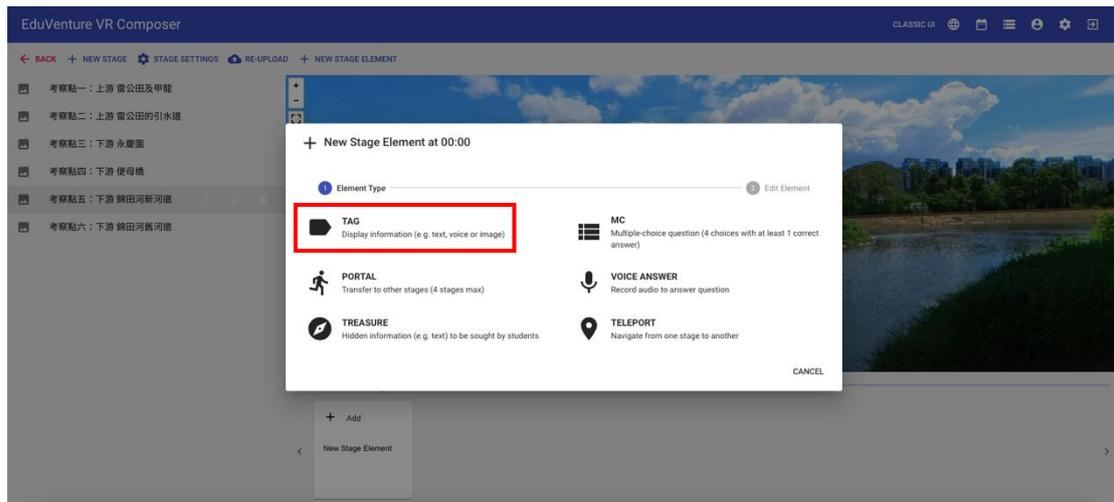
Upload the 360 photo of the lower course of the new Kam Tin River



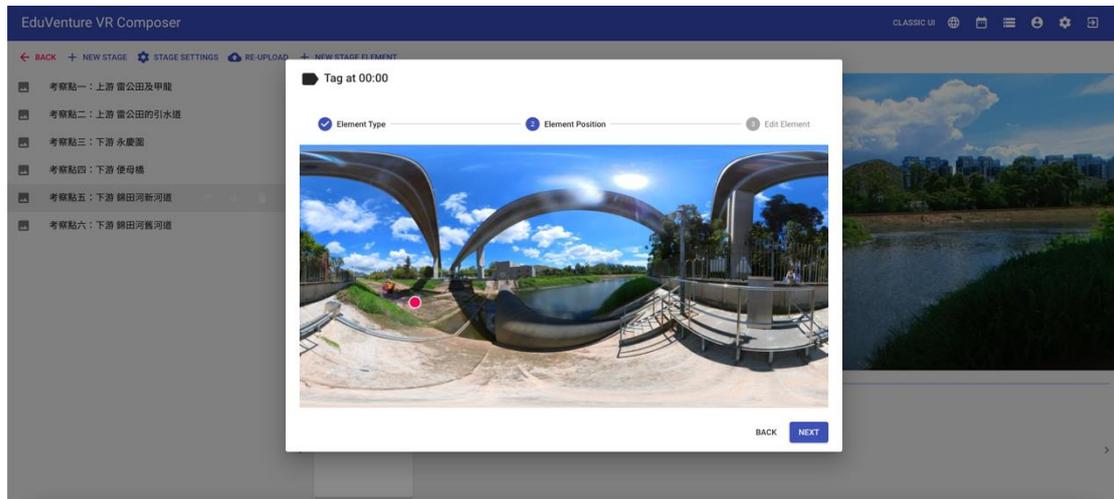
52. Add a new stage element at 00:00.



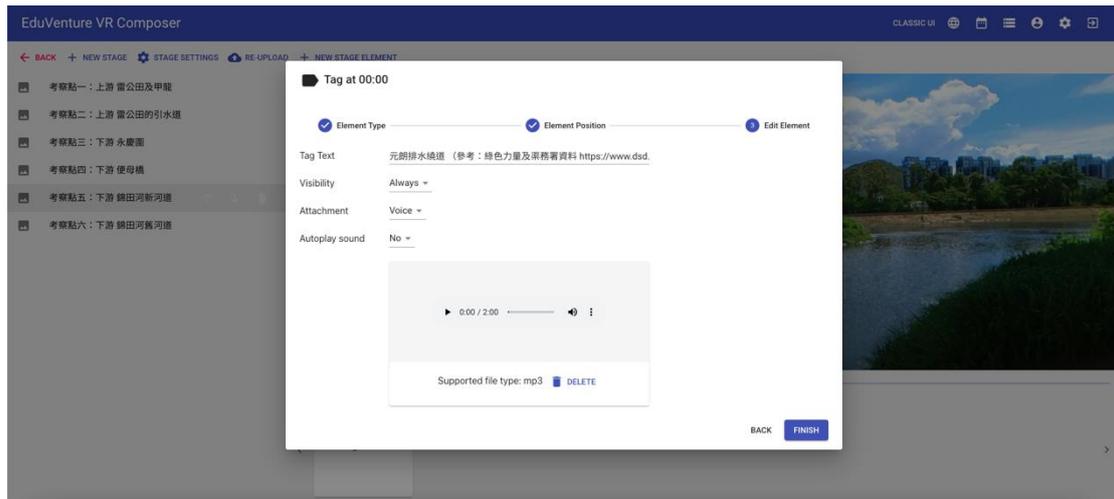
53. Choose "TAG"



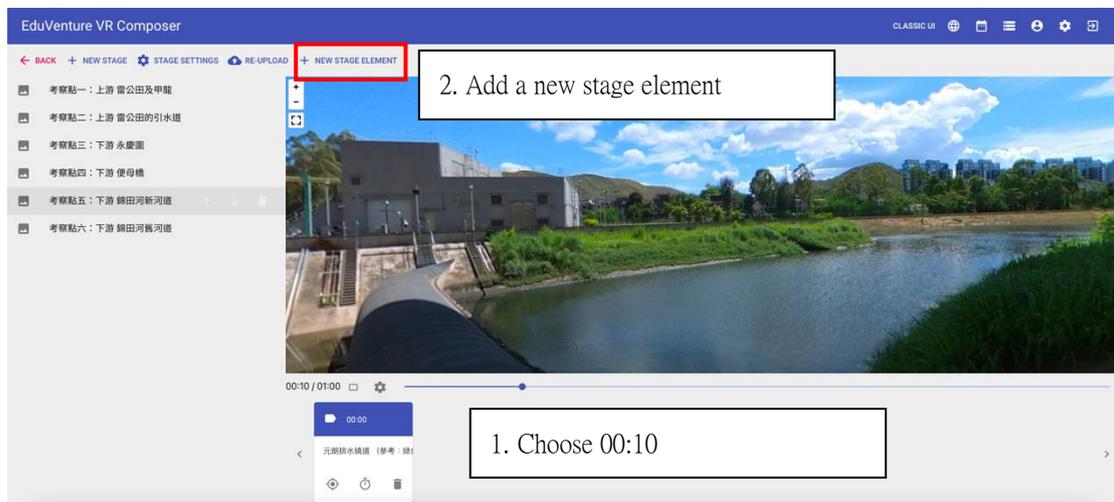
54. Locate the tag with a red dot, and then press "NEXT"



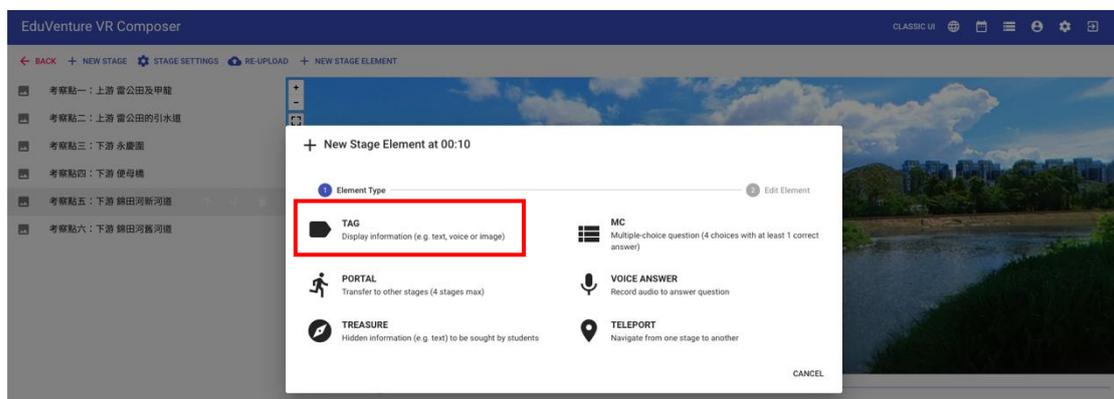
55. Enter the tag text 【Yuen Long Bypass Floodway (Reference: Green Power & Drainage Services Department Information https://www.dsd.gov.hk/others/NSW/2_Yuen_Long_Bypass_Floodway.html)】, attach the voice file and press "FINISH"



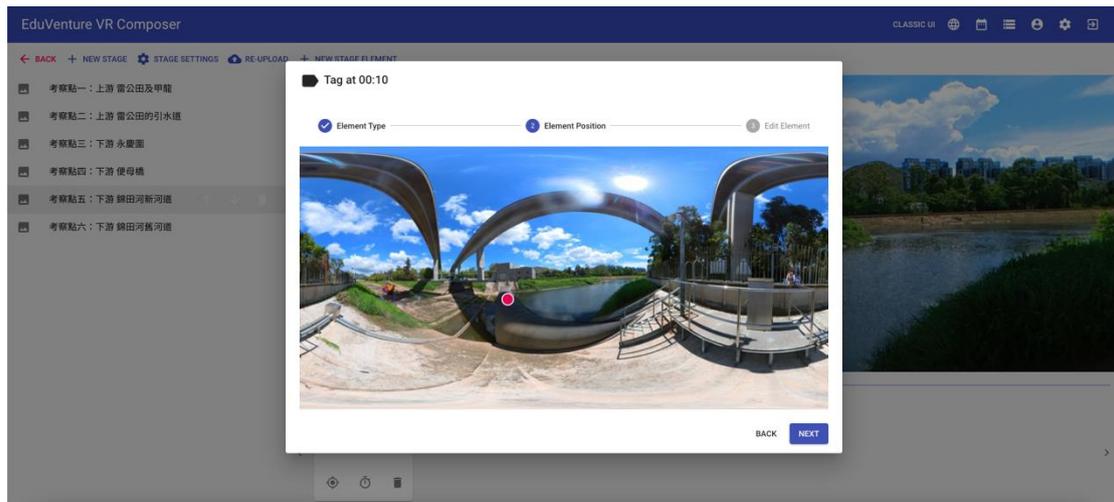
56. Add a new stage element at 00:10.



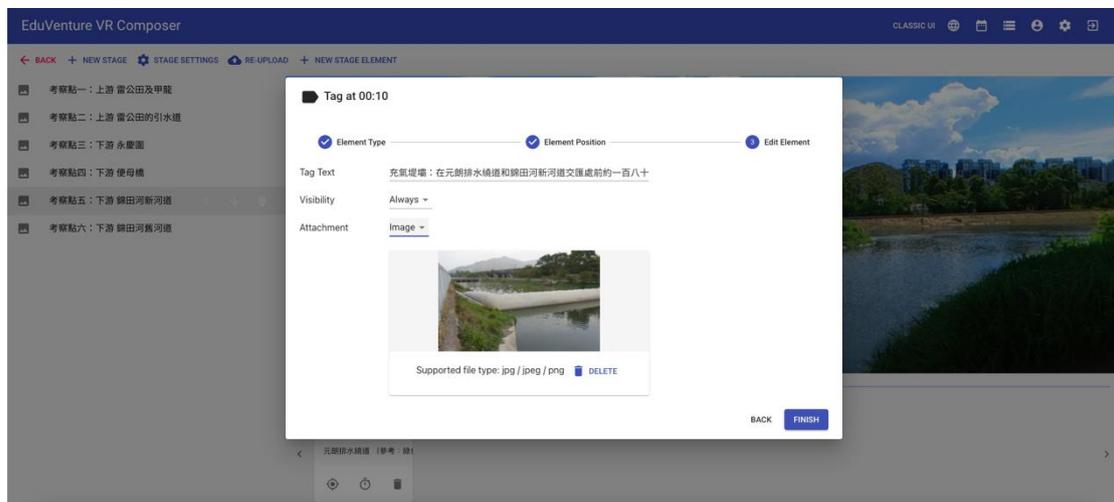
57. Choose "TAG"



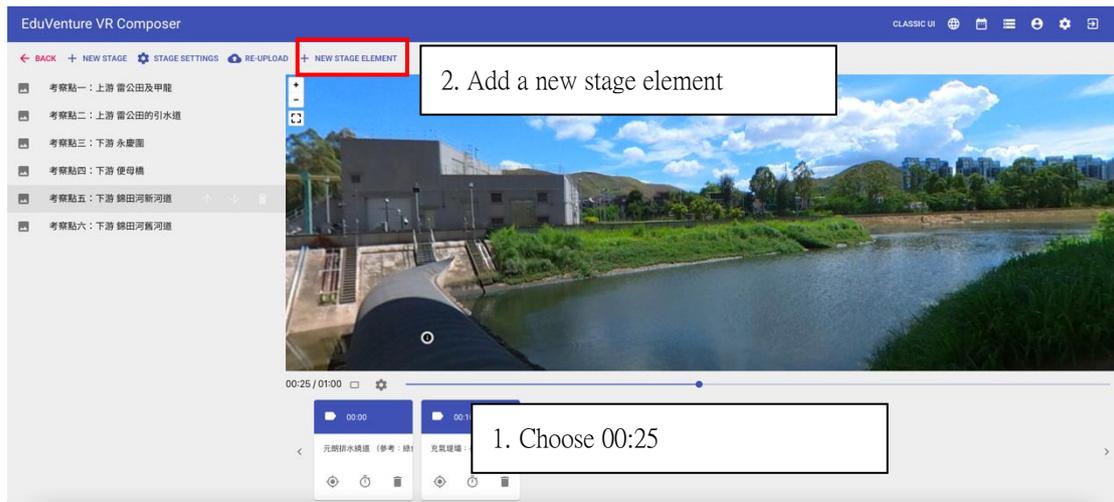
58. Locate the tag with a red dot, and then press “NEXT”



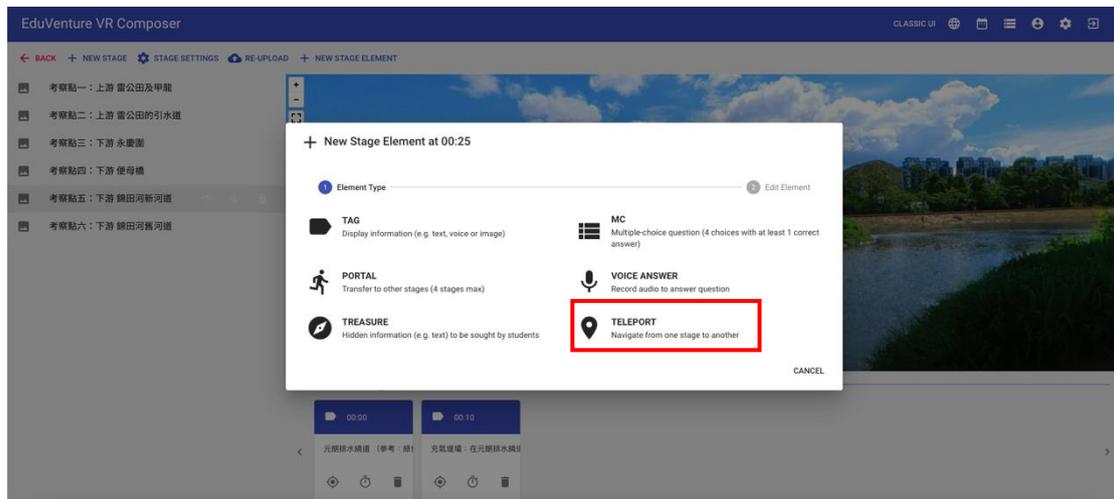
59. Input the tag text 【Inflatable dam: It is built approximately 180 meters ahead of the confluence of Yuen Long Bypass Floodway and the new channel of Kam Tin River. Since it prohibits the backflow of polluted river water to Yuen Long Bypass Floodway during high tides, it can prevent nuisance-causing smell and rubbish from affecting the surrounding residents at the upstream area.】, attach a photo, and then press “FINISH”



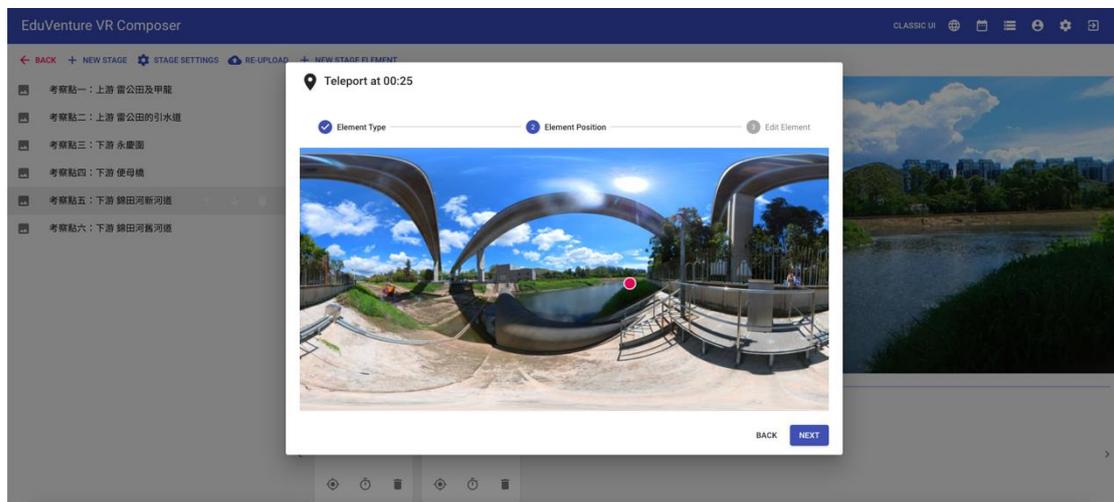
60. Add a new stage element at 00:25



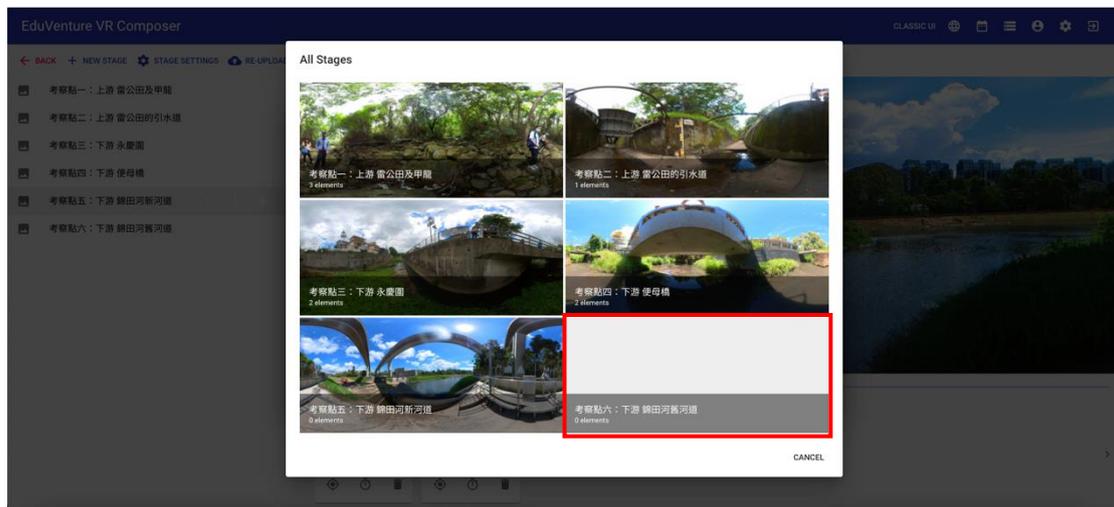
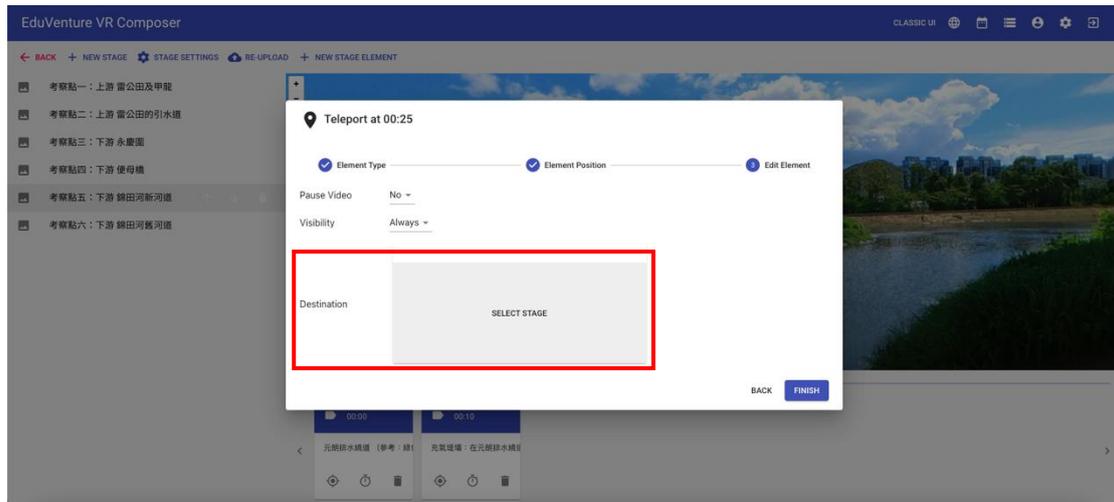
61. Choose "TELEPORT"



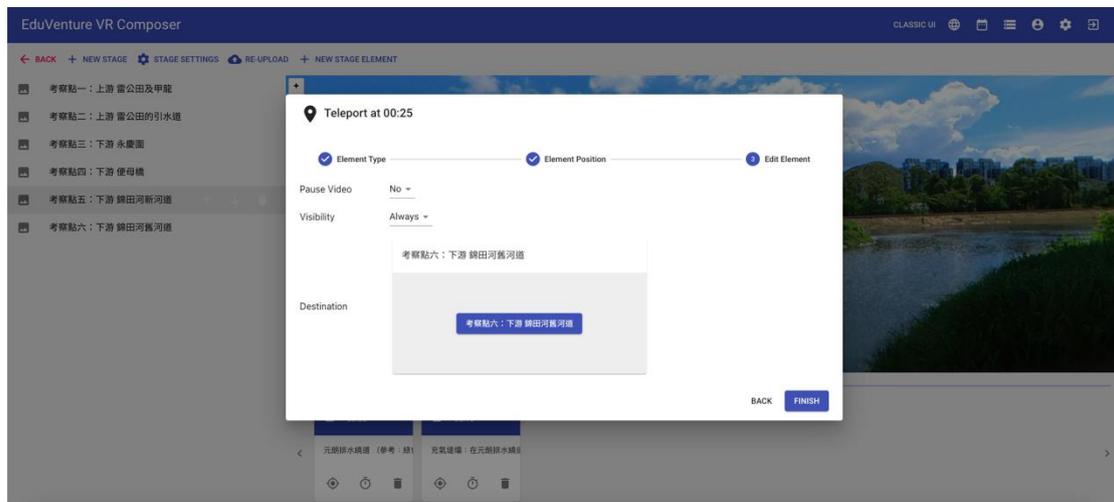
62. Locate the teleport with a red dot, and then press "NEXT"



63. Choose the next destination 【Field site 5: Lower course of the new channel of Kam Tin River】



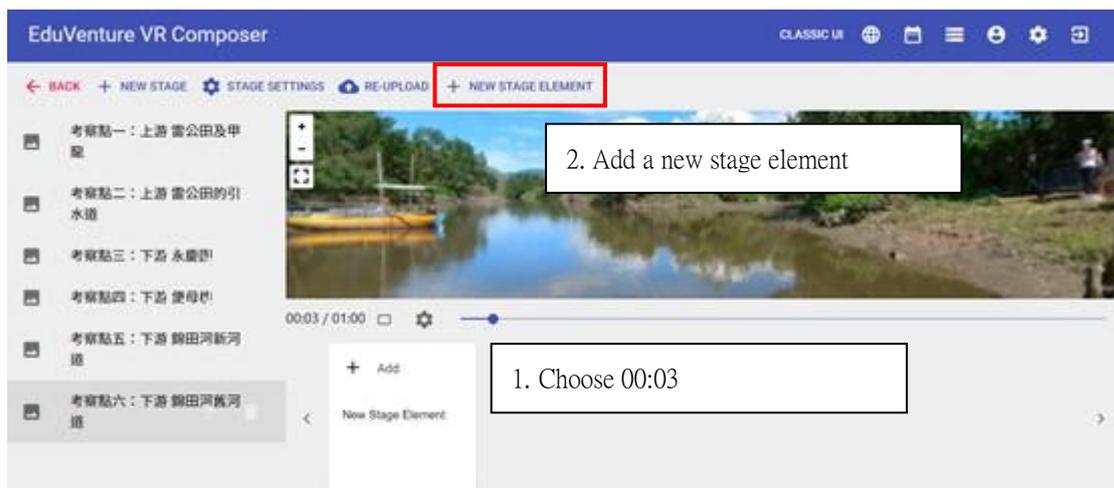
64. Press “FINISH”



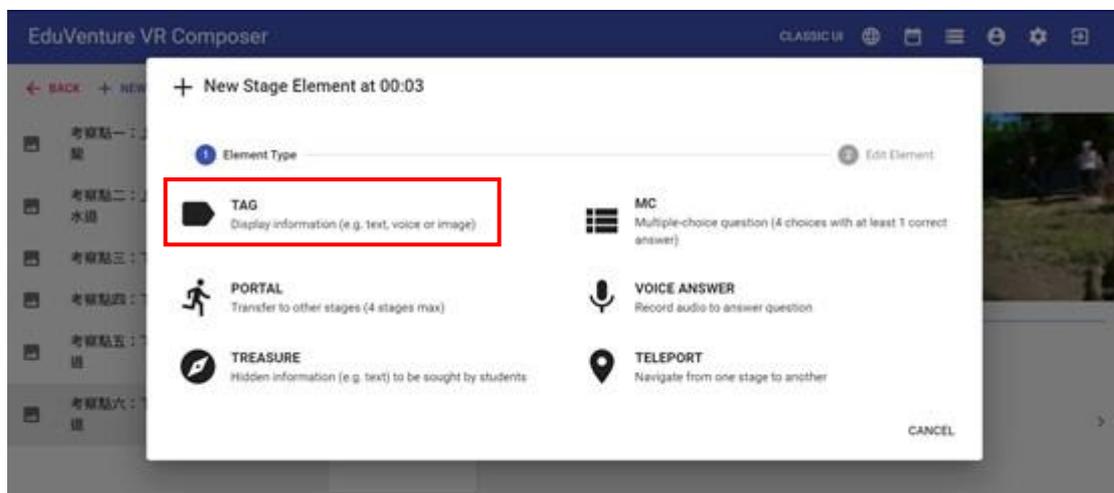
65. Go to 【Field site 6: Lower course of the old Kam Tin River】
Upload the 360 photo of the lower course of the old Kam Tin River.



66. Add a new stage element at 00:03.



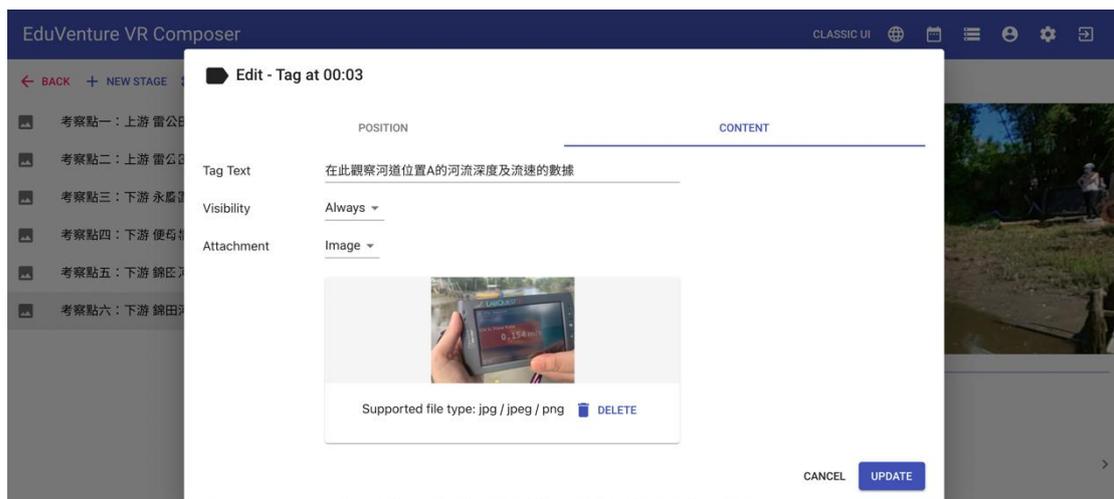
67. Choose "TAG"



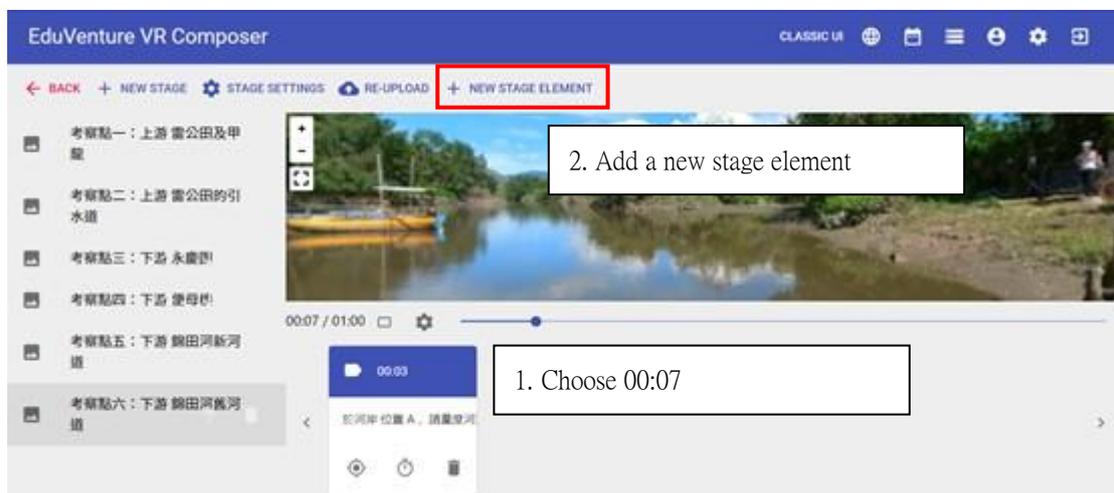
68. Locate the tag with a red dot, and then press “NEXT”



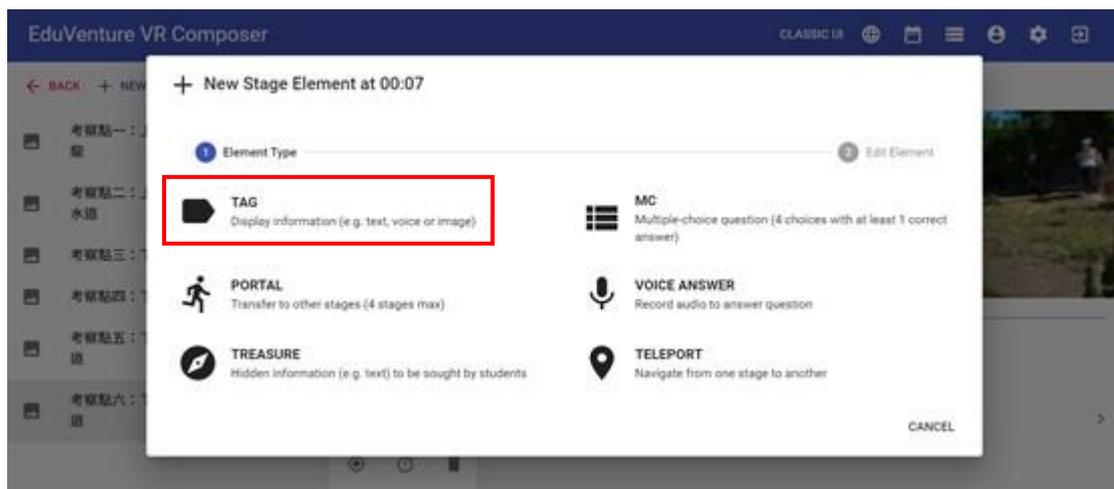
69. Input 【Observe the data of channel depth and velocity of spot A】 , attach the photo, and press FINISH



70. Add a new stage element at 00:07



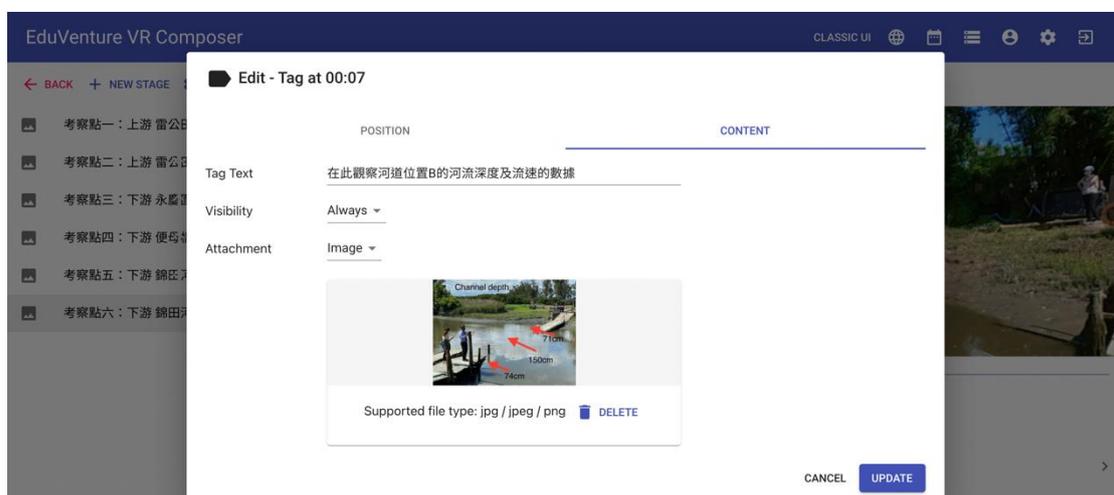
71. Choose "TAG"



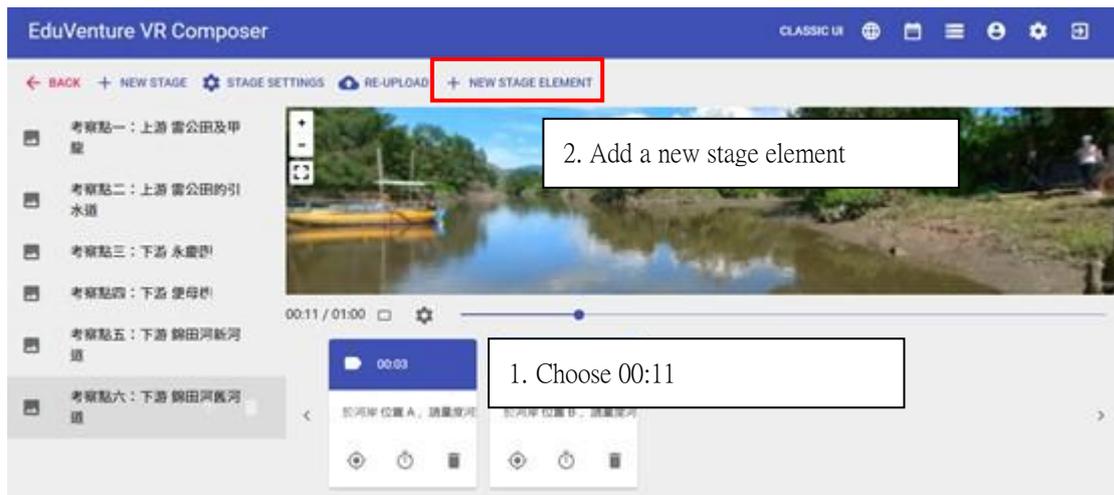
72. Locate the tag with a red dot, and then press "NEXT"



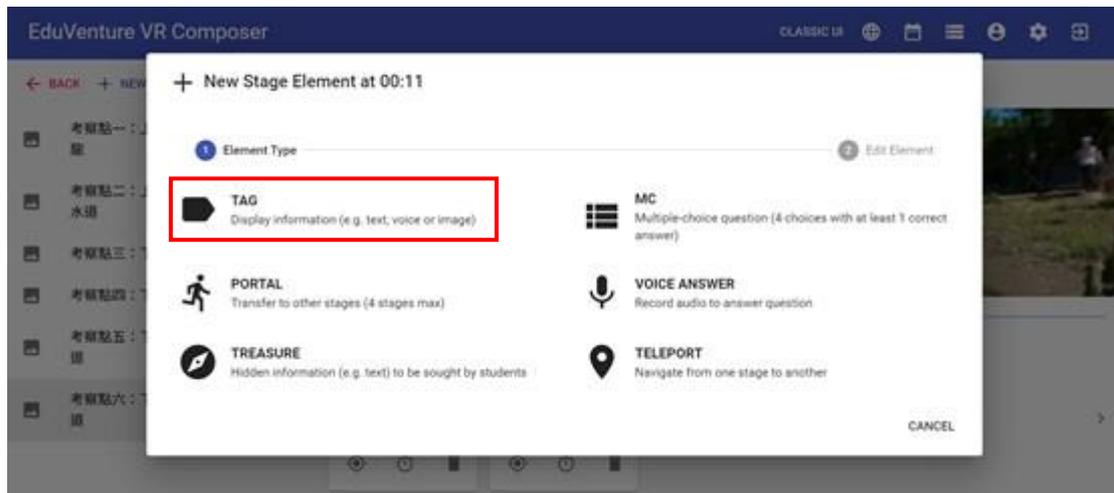
73. Input 【Observe the data of channel depth and velocity of spot B】 , attach the photo and press "FINISH"



74. Add a new stage element at 00:11.



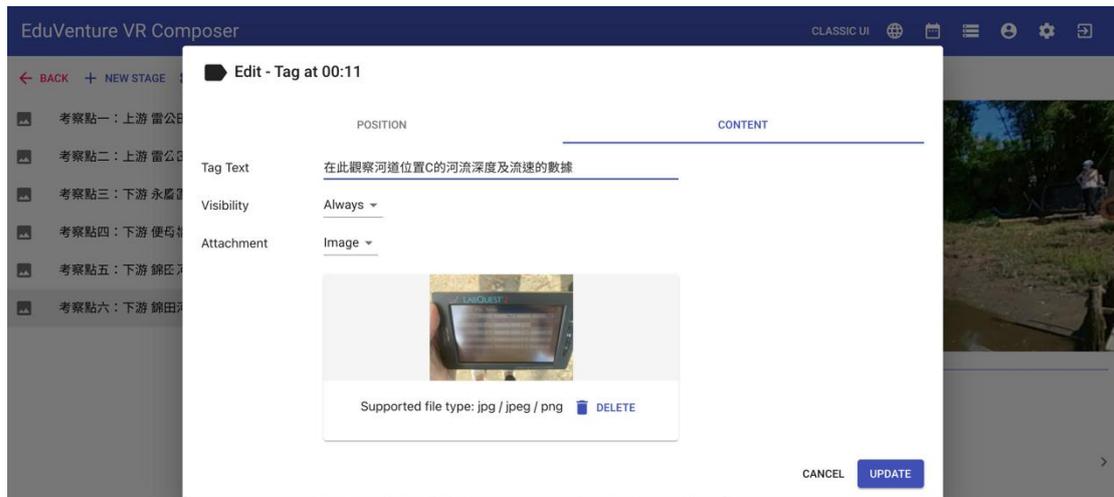
75. Choose "TAG"



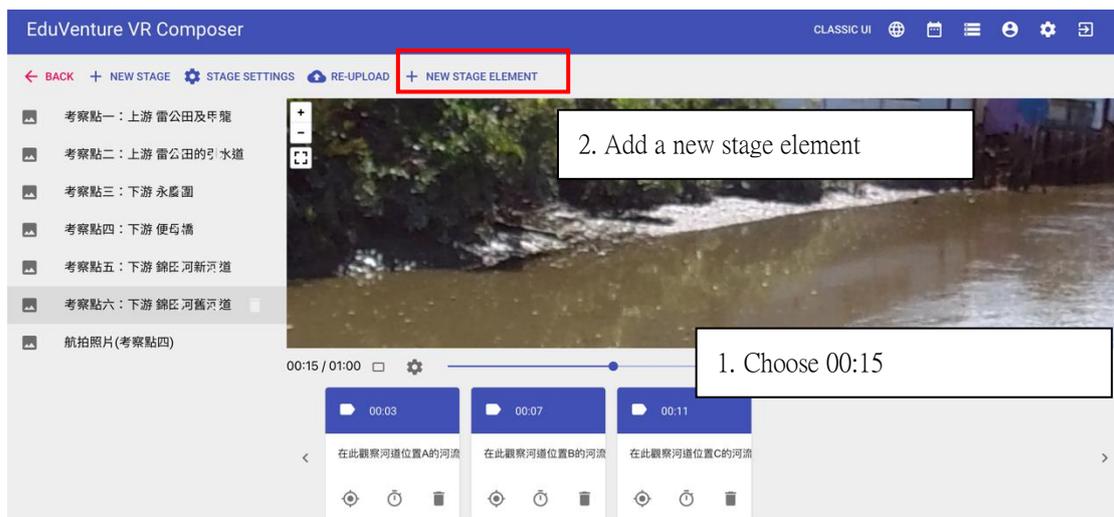
76. Locate the tag with a red dot, and then press "NEXT"



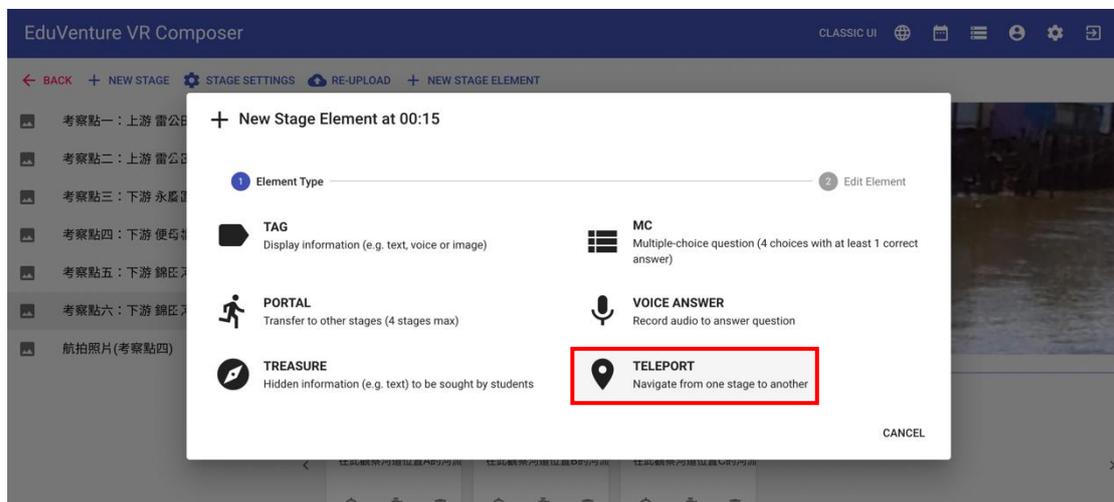
77. Input 【Observe the data of channel depth and velocity of spot C】 , attach the photo, and press “FINISH”



78. Add a new stage element at 00:15



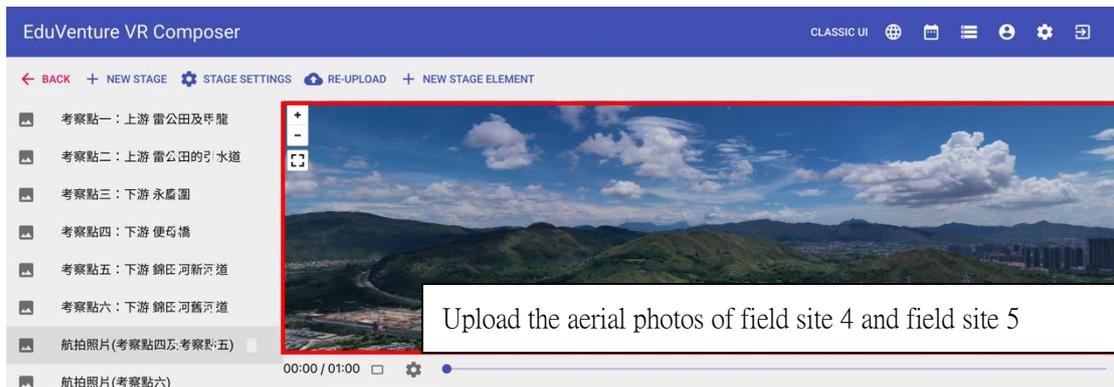
79. Choose “TELEPORT”



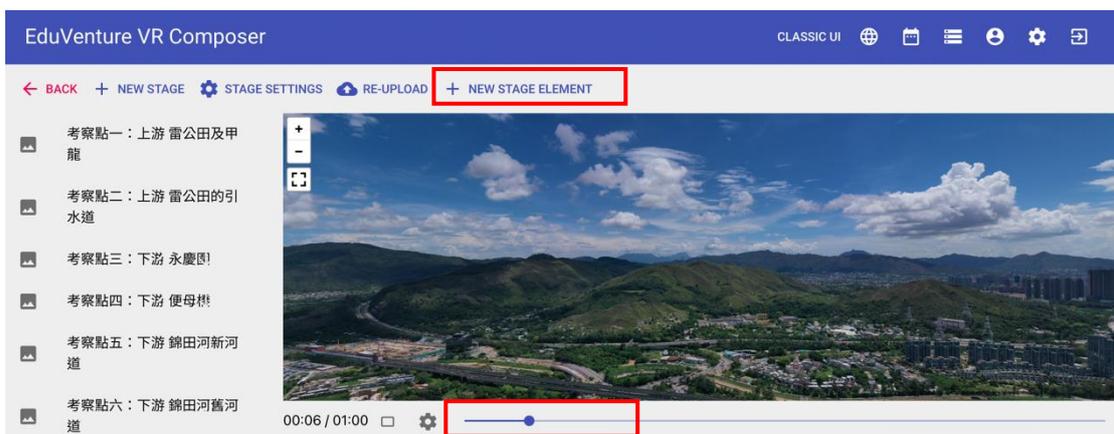
80. Choose the next destination 【Aerial photos (Field site 4)】



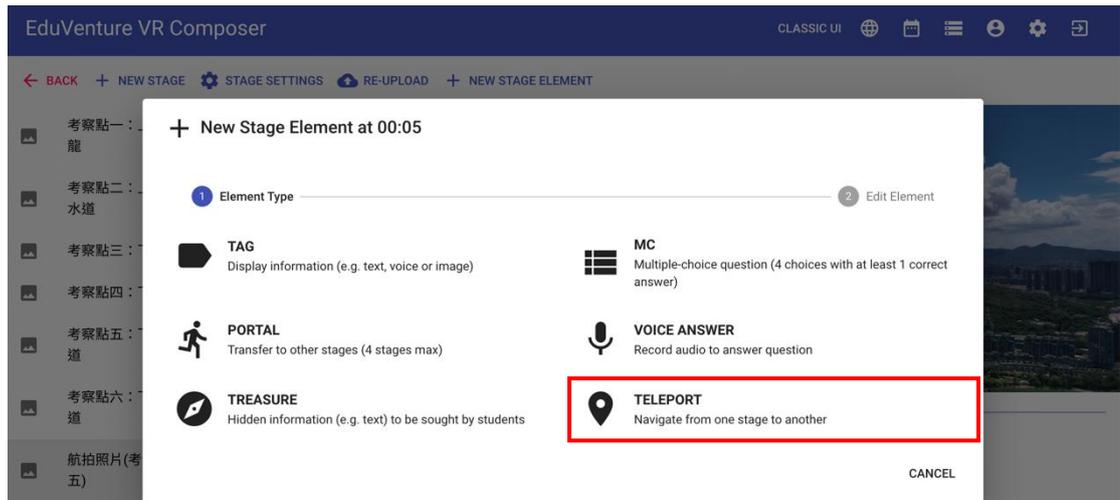
81. Go to 【Aerial photos (Field site 4 and Field site 5)】



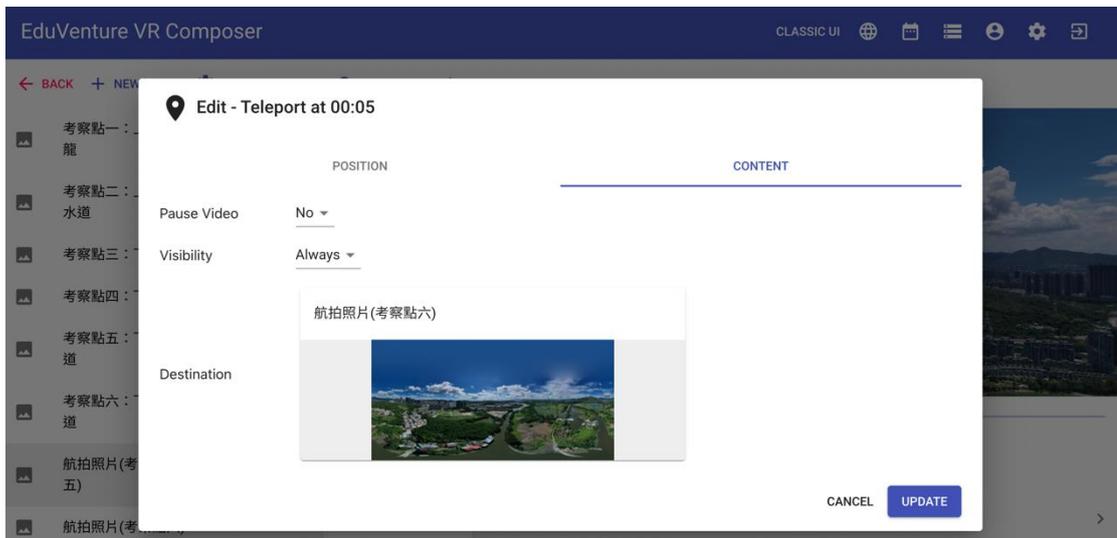
82. Add a new stage element at 00:05.



83. Choose "TELEPORT"



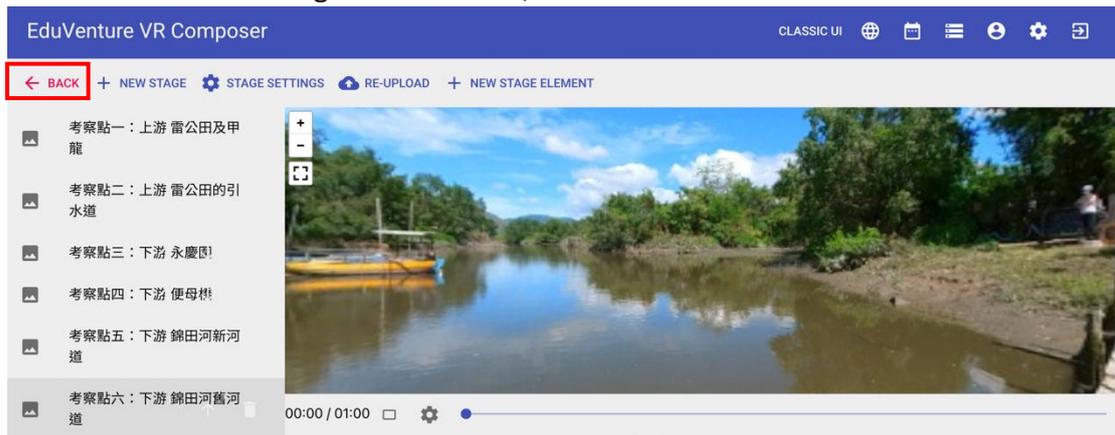
84. Choose "Aerial photos (Field site 6)"



85. Choose 【Aerial photos (Field site 6)】



86. To share this teaching kit to students, click “BACK”



87. Click “View/Edit Details”



88. Choose "Public" and share the link

Edit - 錦田河虛擬實地考察 河流管理措施對河道特徵影響研究 (個案研習：錦田河)

DETAILS COVER IMAGE **PUBLISH**

Sharable Public ▾

Publish Yes ▾
VITALS is visible in the app

Manual start Yes ▾
Pause at the beginning

Link eduventure.vr://?6c6f63610f093a30=657676725a5f4642 

QR Code 

CANCEL UPDATE