

ECO-FRIENDLY PARADE CREATIONS: DRESSES AND SUITS FROM RECYCLED PLASTIC

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Abstract - Along with the increase in human population on earth, it will affect the increase in plastic production every day. This causes the problem of plastic to not stop as long as humans live on earth. So far, the Widoro hamlet community has utilized organic waste into compost or processed animal feed, this is influenced by the large number of people who have livelihoods in livestock and farming. However, the processing of inorganic waste is still minimally carried out by the local community. In connection with the Giripurwo Anniversary Carnival, the Widoro hamlet community wants to show that plastic waste can be managed into something useful by assembling carnival costumes from plastic waste. The stages include designing, socializing, making carnival costumes, and implementing the carnival. The results obtained turned out that discarded plastic waste could be used to make beautiful carnival costumes. By holding this experiment, it is hoped that it can inspire many people.

Keywords: Inorganic, Plastic Waste, Carnival Costumes

1. INTRODUCTION

Nowadays, plastic has many important roles throughout the world, one of which is for the people of Indonesia. People are very dependent on plastic, starting from domestic needs to secondary needs. This has resulted in Indonesia becoming the second largest producer of plastic waste in the world. Indonesia produces up to 3.2 million tons of plastic waste per year (Hendrawan & I F, 2019). The problem of plastic waste will never stop as long as humans remain on earth, the increasing number of people on earth will affect the increase in plastic production every day.

Settlements are the largest source of plastic waste on earth, as much as 75% of residential waste is in the form of organic waste and the rest is inorganic waste (Putra & Yuriandala, 2010). The people of Widoro village use a lot of organic waste to make compost or become processed animal feed, this is influenced by the number of people who have a livelihood farming and farming. However, inorganic waste processing is still minimally carried out by the local community. The community needs to immediately realize and overcome the problem of plastic waste effectively and efficiently. One of the strategies that can be used to handle plastic waste is to use the 3R method (Reuse, Reduce and Recycle).

Reuse is a method of using plastic items repeatedly, Reduce is an effort to reduce the purchase or use of plastic-based goods and Recycle is an effort to recycle plastic waste into useful goods (Hendrawan & I F, 2019). The recycling method can be chosen to turn plastic waste into valuable goods and can even have economic value. The fashion industry has potential in the use of plastic waste recycling. One of the fashion products that can be made from recycled plastic waste is a party dress. Plastic waste can be explored into several forms of party clothes or accessories that can be used in daily life.

This idea arose from the awareness of the people of the Widoro community towards the soaring and minimal processing of plastic waste. In connection with the Giripurwo Anniversary Carnival, the people of Widoro want to show that plastic waste can be managed into useful things by assembling party dresses from plastic waste. Not only using plastic waste, but the design of this carnival mascot also utilizes paper waste. Plastic waste comes from shopping bags that are commonly used by housewives in shopping and paper waste comes from newspapers or used books from the local community. The design of party dresses from plastic waste not only utilizes plastic waste into useful items but can be used as a reference for the community to establish a business engaged in fashion.

2. METHOD

1. Planning

In the initial stage of design, a pictorial study was carried out, namely looking for image references that could be inspiration in the process of making dresses made of plastic (Midawati, 2017). This carnival dress has a beautiful theme with colorful fashion made from plastic bag waste. The shape of the dress is divided into two, the bottom uses a skirt with a peticoat base and the top uses a corset. This dress is equipped with wings made of used cardboard. For men, only form a suit in general equipped with stick accessories. The colors chosen to make this creation are red and white, because the time of the carnival is close to the 79th Indonesian Independence Day.

2. Socialization

Before starting the manufacturing process, first socialize to the community about the costumes that will be used during the anniversary carnival of the Giripurwo Village. We explained that the costume that will be used is a recycled costume in the form of a dress and suit made using plastic bags, with cane accessories, wings and crowns from used cardboard.

3. Carnival costume making

The process of making carnival costumes was carried out at the UIN Sunan Kalijaga 114 Group 79 KKN post located in Padukuhan Widoro, Giripurwo. The process of making this carnival costume was assisted by the youth of the padukuhan and of course all KKN students of group 79.

4. Carnival Implementation

This carnival will be held on August 18, 2024 in commemoration of the 76th anniversary of the Giripurwo Village. This carnival was carried out in the balong field and witnessed by people from other villages.

3. RESULTS AND DISCUSSION

1. Planning

The initial stage of designing Kirab costumes made from plastic waste began with a pictorial study, which is to look for image references that can be inspiration in the design of dresses and suits. The study allows designers to explore different shapes, colors, and compositions that fit the Kirab theme. The Kirab dress that is designed consists of two main parts, namely a bottom in the form of a skirt with a peticoat base and a top in the form of a corset. This combination provides a graceful and elegant silhouette, while utilizing plastic bag waste that is processed into a base material. Pictorial studies conducted in the early stages of Kirab costume design have proven to be effective in directing

the designer's creative process. Visual references are an important step in creating a design that is not only aesthetic but also functional (Putra, 2016). In this context, the use of recycled materials such as plastic bags and used cardboard as the main materials for dresses and suits shows innovation in environmental conservation efforts. This design not only puts forward aesthetic value, but also conveys an important message about recycling and waste utilization.

For men's costumes, the design is focused on making suits with classic silhouettes but still attracting attention. This suit is equipped with accessories in the form of sticks, giving it an elegant and formal touch. The selection of red and white colors for this costume is adjusted to the moment of the implementation of the Kirab which coincides with the 79th Independence Day of the Republic of Indonesia, so that these colors not only beautify the costume but also add the value of patriotism in the celebration. The choice of red and white colors for the costume shows the suitability of the cultural context and the national moment being commemorated. These colors not only have a strong visual appeal, but they also contain deep symbolic meanings, as discussed by Abrahams et al., (2024) who highlight how visual elements can be used to reinforce cultural identity and nationalist values in public events.

2. Socialization

Before making dresses and suits, socialization has been carried out which shows that the work from this waste material is very effective in building awareness and support from the community, especially Pak Dukuh Widoro, related to the concept of recycled costumes that will be used during the Giripurwo Village Anniversary Carnival. In this socialization, we gave a detailed explanation of the costume design, which consisted of dresses and suits made from plastic bags, as well as accessories such as sticks, wings, and crowns made from used cardboard and cassettes. The importance of socialization as a first step in projects involving local communities, where community involvement can influence the acceptance and success of the project. Socialization carried out with an inclusive and participatory approach can increase public awareness and involvement in activities that have environmental and cultural values. Socialization of dress making to the public can be done to increase awareness and knowledge about the process of designing and making dresses. This can be useful for those who are interested in the world of fashion, want to start a sewing business, or want to learn how to make their own dresses (Yasril & Nur, 2018)

3. Making Kirab Costumes

The process of making carnival costumes at the KKN Post UIN Sunan Kalijaga 114 Group 79 in Padukuhan Widoro, Giripurwo, involves collaboration between KKN students and padukuhan youth, resulting in innovative and environmentally friendly carnival costumes. Starting with preparation and planning, the initial stage includes the identification of recycled materials such as plastic cassettes, cardboard, dakron, and cassettes. The costume design, which includes a dress with a peticoat-based skirt and a corset top as well as accessories such as wings, sticks, and crowns, is designed based on the results of pictorial studies and input from the community.

Furthermore, in the collection and preparation of materials, the recycled materials are cleaned, sorted, and cut according to the design. The process of making costumes involves assembling dresses and suits from plastic tapes, where the dress consists of a skirt bottom and a corset top, while a men's suit is designed in a classic style but gives a luxurious impression. Accessories such as wings are made from cardboard wrapped in daggers and tapes, and the cane and crown are assembled from available materials.

A. Dress Making

Making dresses from crackle plastic is a form of creativity and innovation in the fashion world, especially in recycling materials that are usually considered waste. Here are the general steps to make a dress from plastic crackers:

- a. Collect used plastic crackers that are still suitable for use.
- b. Wash and dry the plastic crackers to ensure their cleanliness.
- c. Decide on the model of dress you want to make. Sketch out the basic design to get an idea of the cut and size.
- d. Cut the plastic crackers according to the pattern and then make a flower pattern according to the design.
- e. Combine the floral flowers from crackle plastic on the lower part of the dress with glue gun carefully.



Figure 1. Results of Dress Making

B. Stick manufacturing

In making this stick, a scout stick is used which is coated with colorful decorations and also adds decorations at the top using a plastic spoon in the shape of a circle.

C. Crown manufacturing

In making this crown, HVS paper or color paper is used which is cut according to the pattern and then decorated with cassettes that are cut into small pieces to form a circle and then pasted using glue gun.

D. Wing manufacturing

In making these wings, using cardboard used refrigerators, then cut to form wings, then combined into one with bamboo or wood, then the edges of the wings are decorated with paper that has been formed and pilok according to the pattern, then the front and back of the wings are decorated with feathers and tapes that are cut to form flowers with glue guns.



Figure 2. Results of Wing Accessories Manufacturing

In the incorporation and finishing stage, all parts of the costume and accessories are carefully assembled and installed using special glue so that the accessories can be attached to the costume, followed by inspection and adjustment to ensure quality and comfort. Trials and adjustments are carried out to ensure that the costume fits the size and is comfortable to use.

The process of making these dresses and suits shows that collaboration between students and youth is very effective in creating costumes that are not only attractive but also environmentally friendly. The use of recycled materials such as plastic tapes and cardboard, as well as creativity in design, reinforce the message of sustainability and waste management. According to Rahmawati et al (2024), community participation in sustainability-based projects can increase awareness and commitment to environmental issues, while Sari et al (2023) emphasized that innovation in the use of recycled materials not only reduces waste but also adds value to materials that are considered useless. Thus, the process of making this costume not only produces an aesthetic and functional product but also serves as an effective educational medium about the importance of recycling and sustainability. The manufacture of dresses and suits from plastic combines traditional fashion skills with material technological innovations, resulting in clothing that is not only aesthetically pleasing but also environmentally friendly or provides a strong fashion statement. This is one of the ways in which the fashion world is evolving with a focus on sustainability and limitless creativity.

4. Implementation of Kirab

A kirab is a procession or parade that is usually held in a cultural, religious, or ceremonial context, and involves the participation of many people with the aim of commemorating or celebrating an important event. The implementation of the carnival is often a sacred and magnificent moment that is attended by the wider community. On August 18, 2024, in commemoration of the 76th anniversary of the Giripurwo Village, it shows that this event was successfully carried out and received wide attention from the community. Kirab, which was held in the Balong field, Padukuhan Widoro displayed carnival costumes that had been designed using recycled materials such as plastic tapes and cardboard. The costumes include dresses and suits adorned with accessories such as wings, and crowns, creating an attractive and innovative look.

The implementation of this carnival shows that the activity not only serves as a cultural celebration but also as a platform for education and awareness raising about the importance of recycling and waste management. Community-based activities such as carnivals can strengthen environmental and cultural values, as well as increase community involvement in sustainability issues (Susilo, 2017). The carnival also managed to attract the attention of the community from other villages, showing that the integration of recycled costume design with local cultural events can create a significant and positive impact.

This Kirab not only celebrates the anniversary of the Giripurwo Village but also conveys an important message about sustainability and creativity in the use of waste materials. As such, these waste-made dresses and suits are a good example of how cultural events can be combined with environmental initiatives to create a broader and more beneficial impact. Kirab often involves the cooperation of all levels of society, and in some cases, can last for several days. It is not only a ceremonial event, but also a way to preserve and celebrate cultural heritage that has been passed down from generation to generation.



Figure 3. Documentation of the Implementation of the Kirab

Hopefully, from the community service carried out by KKN 114 UIN Sunan Kalijaga Yogyakarta Group 79 students in Padukuhan Widoro, the socialization and making of carnival costumes from plastic that we are doing hopefully can provide enthusiasm and motivation for residents to process plastic that is considered waste to be processed into goods that have benefits and give rise to other product innovations that are better and more varied.

4. CONCLUSION

The use of plastic waste into carnival costumes is a creative innovation that not only supports environmental conservation efforts, but also shows the potential of art and culture in utilizing recycled materials. This process has succeeded in turning waste that has the potential to pollute the environment into high-value products, which can be used in cultural events such as carnivals, such as party dresses, crowns, canes, suits and attractive accessories. By utilizing plastic waste, we not only reduce the amount of waste that ends up in landfills, but also provide aesthetic and functional solutions. In addition, this initiative can be an inspiring example for people to care more about the environment and encourage them to be creative with the materials available around them.

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